

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012976.D
 Acq On : 10 Oct 2019 05:20
 Operator : JC/SP
 Sample : K5259-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:40 AM

Quant Time: Oct 10 07:54:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110207	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	5.49	113	87032	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
50) Toluene-d8	8.71	98	327887	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	125969	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	87267	52.999	ug/l	99
3) Chloromethane	1.31	50	96759	53.996	ug/l	99
4) Vinyl Chloride	1.40	62	98938	53.492	ug/l	99
5) Bromomethane	1.63	94	34266	44.567	ug/l	96
6) Chloroethane	1.71	64	63207	55.902	ug/l	97
7) Trichlorofluoromethane	1.92	101	137755	55.181	ug/l	97
8) Diethyl Ether	2.18	74	54370	53.957	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84452	52.271	ug/l	98
10) Methyl Iodide	2.50	142	97749	53.058	ug/l	99
11) Tert butyl alcohol	3.03	59	133528	249.484	ug/l	100
12) 1,1-Dichloroethene	2.36	96	88502	54.216	ug/l	98
13) Acrolein	2.28	56	82962	218.117	ug/l	98
14) Allyl chloride	2.72	41	152391	52.421	ug/l	99
15) Acrylonitrile	3.13	53	284025	280.028	ug/l	100
16) Acetone	2.43	43	249522	234.467	ug/l	99
17) Carbon Disulfide	2.56	76	235909	50.683	ug/l	99
18) Methyl Acetate	2.76	43	121715	48.252	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	319593	56.693	ug/l	98
20) Methylene Chloride	2.84	84	103317	52.826	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	96516	55.163	ug/l	98
22) Diisopropyl ether	3.84	45	315439	56.626	ug/l	95
23) Vinyl Acetate	3.80	43	1228570	255.480	ug/l	100
24) 1,1-Dichloroethane	3.69	63	176529	56.330	ug/l	99
25) 2-Butanone	4.66	43	386795	261.977	ug/l	96
26) 2,2-Dichloropropane	4.57	77	98217	37.270	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	113556	56.306	ug/l	96
28) Bromochloromethane	5.00	49	55245	59.069	ug/l	99
29) Tetrahydrofuran	5.11	42	253754	279.294	ug/l	100
30) Chloroform	5.20	83	178727	55.582	ug/l	99
31) Cyclohexane	5.57	56	153096	52.245	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	155959	57.242	ug/l	99
36) 1,1-Dichloropropene	5.79	75	132543	53.195	ug/l	99
37) Ethyl Acetate	4.82	43	185509	66.583	ug/l	100
38) Carbon Tetrachloride	5.77	117	130023	53.613	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	148341	49.092	ug/l	98
40) Benzene	6.14	78	399965	54.350	ug/l	99
41) Methacrylonitrile	5.03	41	81036	52.932	ug/l	98
42) 1,2-Dichloroethane	6.18	62	144723	54.806	ug/l	99
43) Isopropyl Acetate	6.43	43	228225	51.037	ug/l	100
44) Trichloroethene	7.20	130	105838	51.864	ug/l	93
45) 1,2-Dichloropropane	7.51	63	103532	55.200	ug/l	96
46) Dibromomethane	7.65	93	68754	55.020	ug/l	99
47) Bromodichloromethane	7.89	83	136091	55.806	ug/l	98
48) Methyl methacrylate	7.76	41	118042	54.169	ug/l	99
49) 1,4-Dioxane	7.73	88	57659	986.470	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	752694	269.970	ug/l	100
52) Toluene	8.78	92	252251	53.579	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	139750	46.097	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153129	51.055	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	102739	55.142	ug/l	98
56) Ethyl methacrylate	9.17	69	168844	50.585	ug/l	99
57) 1,3-Dichloropropane	9.37	76	174468	54.134	ug/l	100
59) 2-Hexanone	9.48	43	578106	266.367	ug/l	100
60) Dibromochloromethane	9.57	129	104063	50.183	ug/l	98
61) 1,2-Dibromoethane	9.67	107	107093	54.641	ug/l	100
64) Tetrachloroethene	9.33	164	104008	58.238	ug/l	94
65) Chlorobenzene	10.14	112	264788	51.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	97680	55.096	ug/l	100
67) Ethyl Benzene	10.25	91	481463	53.009	ug/l	98
68) m/p-Xylenes	10.35	106	362859	106.940	ug/l	99
69) o-Xylene	10.70	106	175757	53.117	ug/l	100
70) Stvrene	10.71	104	305497	54.309	ug/l	100
71) Bromoform	10.85	173	69887	46.506	ug/l #	100
73) Isopropylbenzene	11.01	105	467013	53.812	ug/l	100
74) N-amyl acetate	10.89	43	187516	50.170	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157970	54.728	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	150952m	57.657	ug/l	
77) Bromobenzene	11.25	156	108556	53.082	ug/l	97
78) n-propylbenzene	11.35	91	520072	54.460	ug/l	98
79) 2-Chlorotoluene	11.42	91	318720	53.106	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	402849	55.592	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	41575	41.583	ug/l	96
82) 4-Chlorotoluene	11.51	91	367684	53.450	ug/l	100
83) tert-Butylbenzene	11.76	119	384524	54.396	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	402525	54.846	ug/l	100
85) sec-Butylbenzene	11.94	105	440944	53.841	ug/l	99
86) p-Isopropyltoluene	12.06	119	402983	53.055	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	196917	51.851	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	196523	51.095	ug/l	98
89) n-Butylbenzene	12.39	91	335942	52.625	ug/l	99
90) Hexachloroethane	12.59	117	68600	48.816	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	197784	53.123	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36869	54.496	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	119467	51.224	ug/l	100

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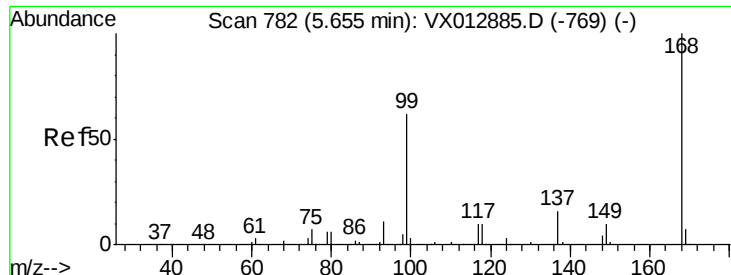
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	51967	48.281	ug/l	98
95) Naphthalene	13.83	128	423252	52.352	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	117354	48.692	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion:168 Resp: 161536

Ion Ratio Lower Upper

168 100

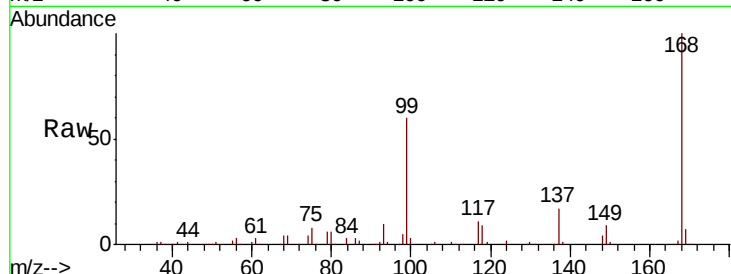
99 60.3 49.4 74.0

Manual Integrations

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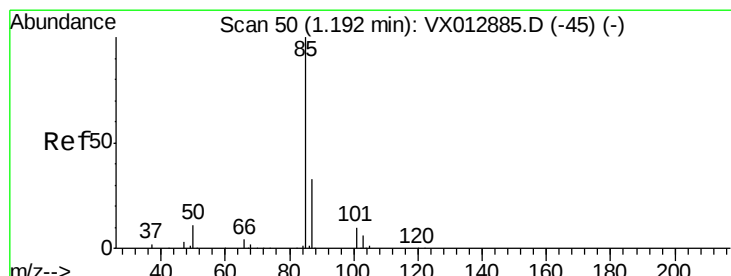
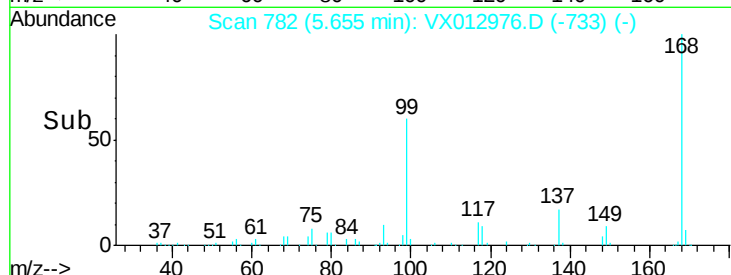
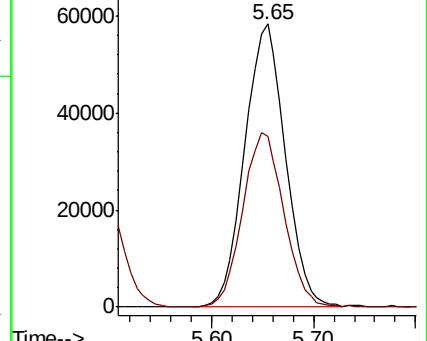
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.999 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012976.D

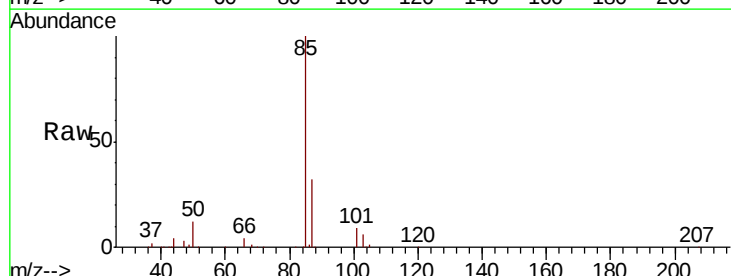
Acq: 10 Oct 2019 05:20

Tgt Ion: 85 Resp: 87267

Ion Ratio Lower Upper

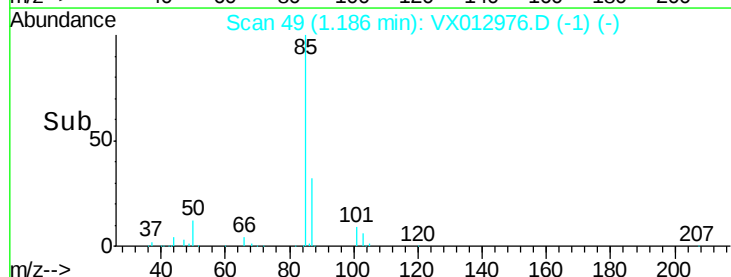
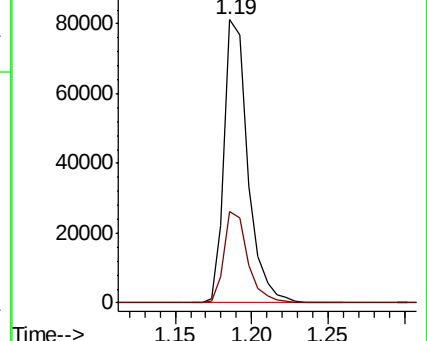
85 100

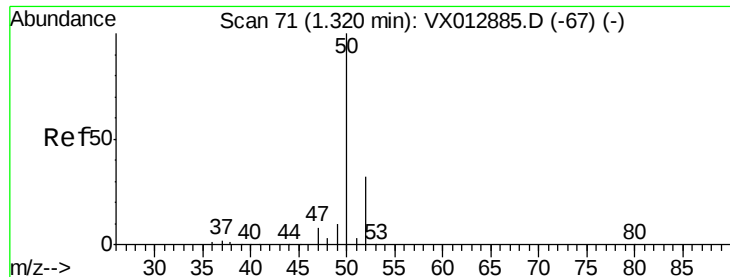
87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.996 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 50 Resp: 96759

Ion Ratio Lower Upper

50 100

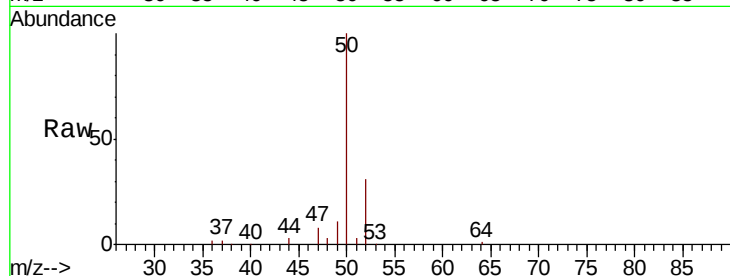
52 30.9 25.2 37.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

80000

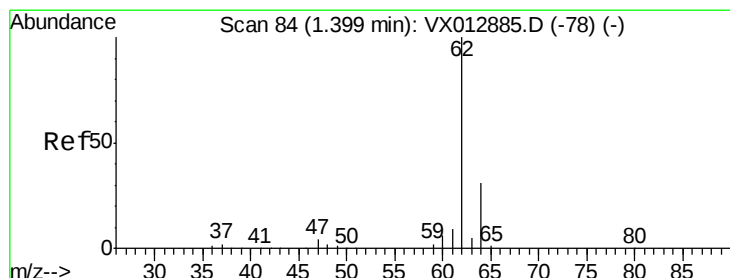
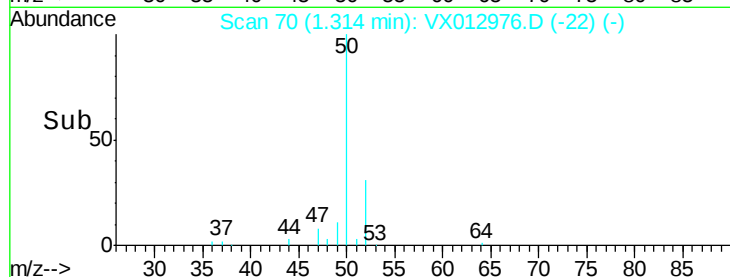
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 53.492 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012976.D

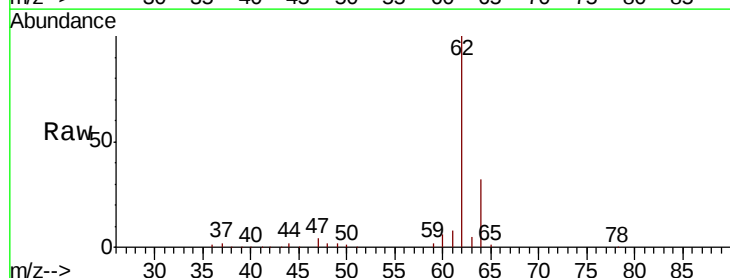
Acq: 10 Oct 2019 05:20

Tgt Ion: 62 Resp: 98938

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

100000

80000

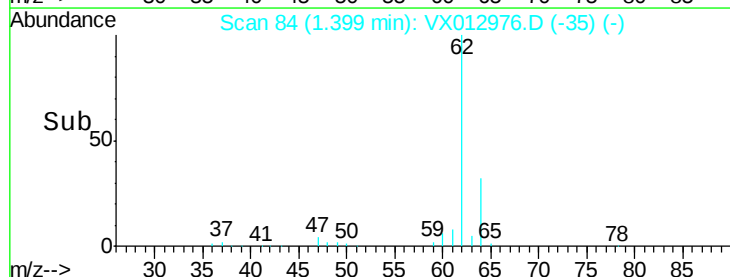
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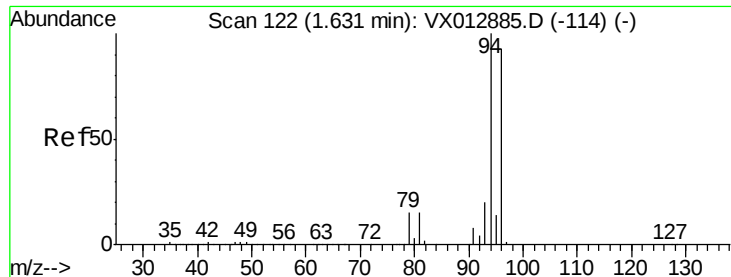
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 44.567 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 94 Resp: 34266

Ion Ratio Lower Upper

94 100

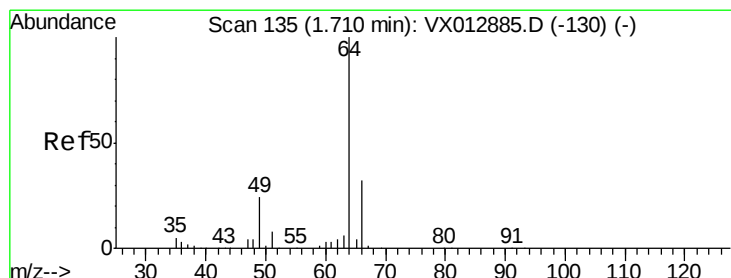
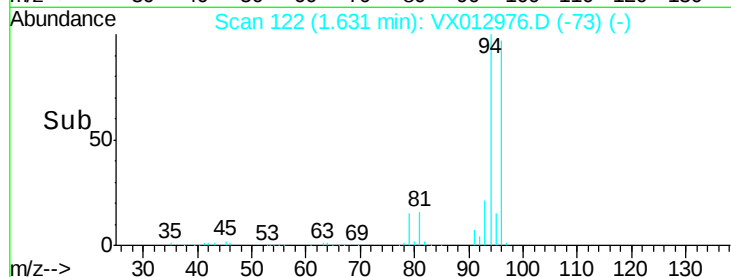
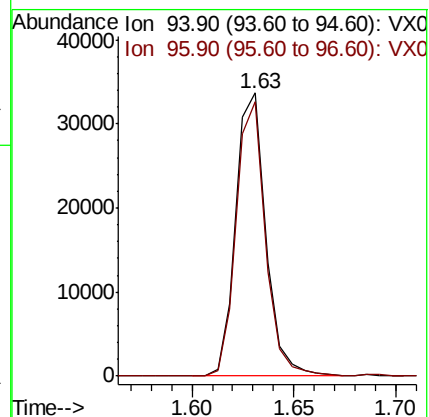
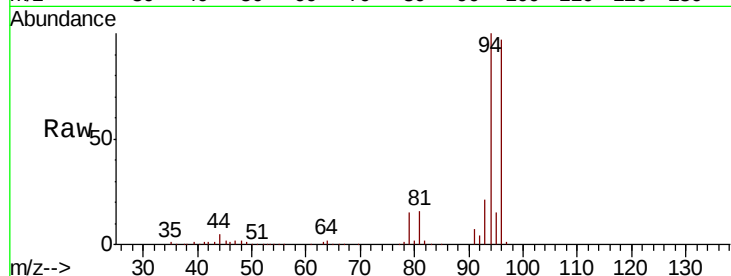
96 97.0 74.7 112.1

Manual Integrations

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10/10/2019 9:04:40 AM



#6

Chloroethane

Concen: 55.902 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012976.D

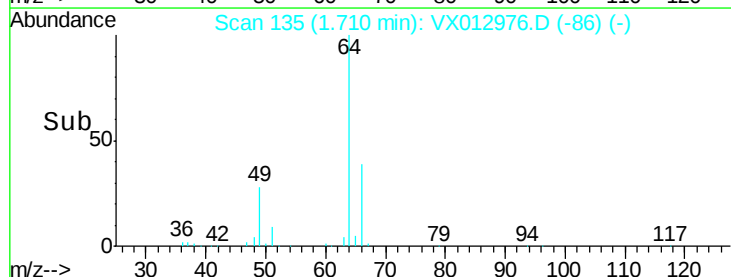
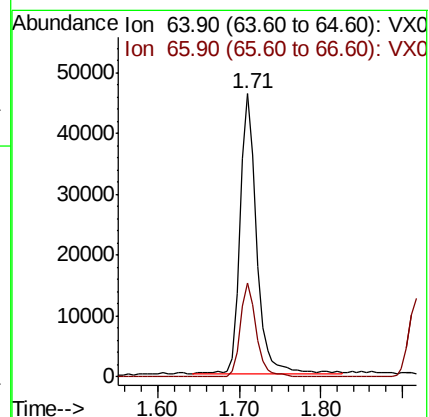
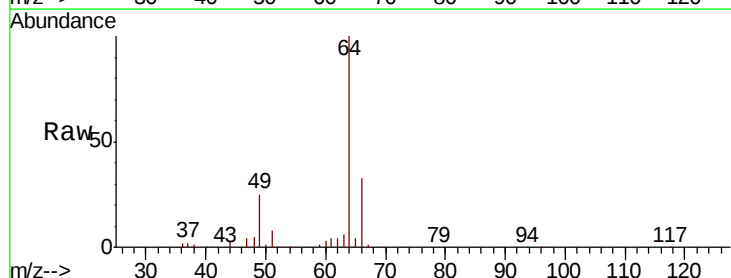
Acq: 10 Oct 2019 05:20

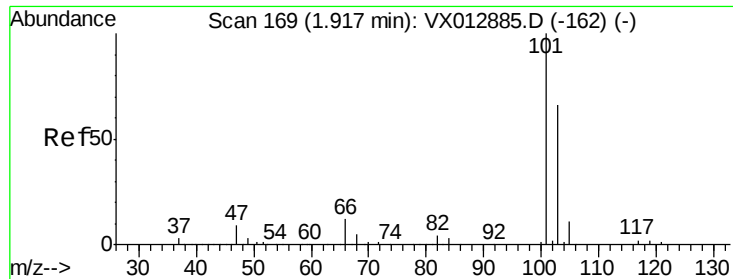
Tgt Ion: 64 Resp: 63207

Ion Ratio Lower Upper

64 100

66 33.6 25.6 38.4





#7

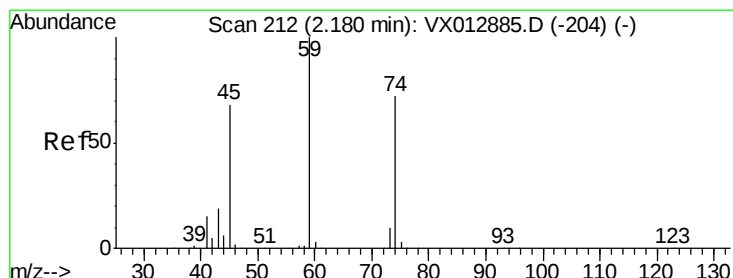
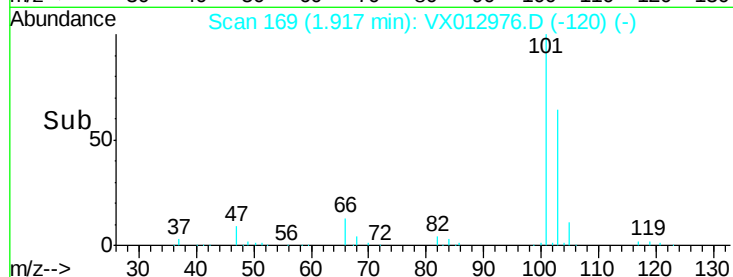
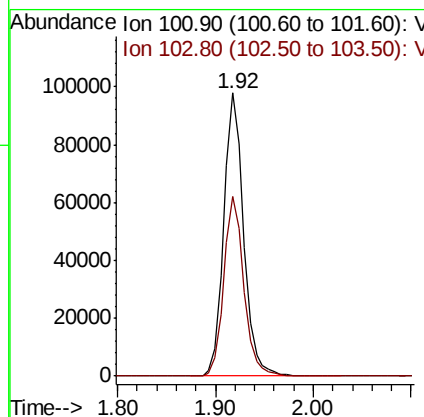
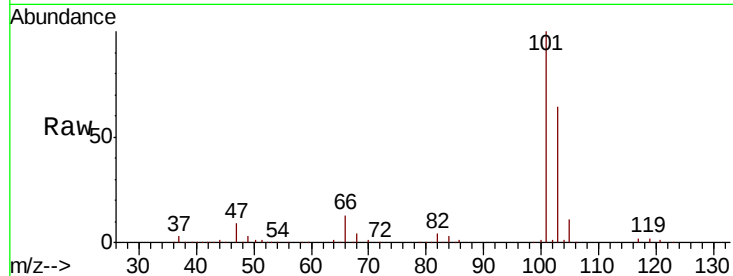
Trichlorofluoromethane
 Concen: 55.181 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.5	78.7

Manual Integrations
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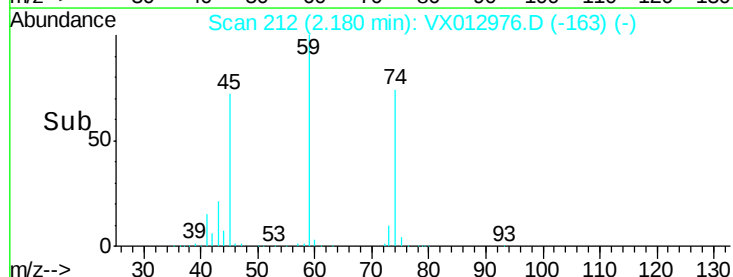
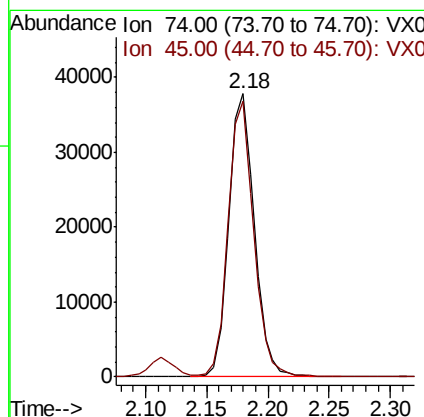
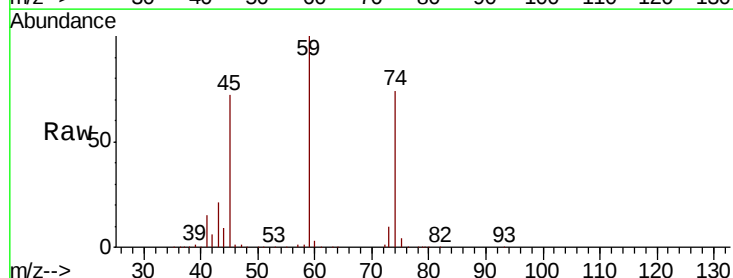
MMDadoda
 10/10/2019 9:04:40 AM

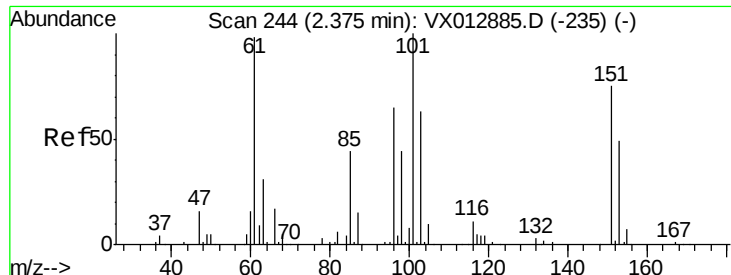


#8

Diethyl Ether
 Concen: 53.957 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	47.8	143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.271 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

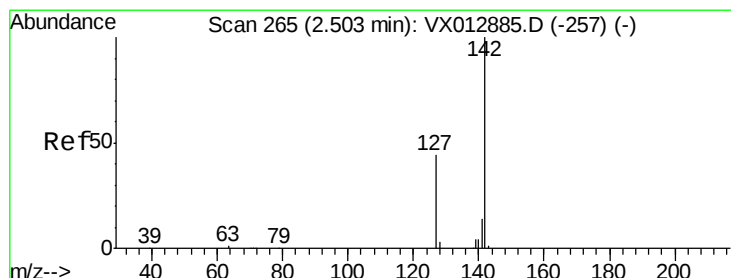
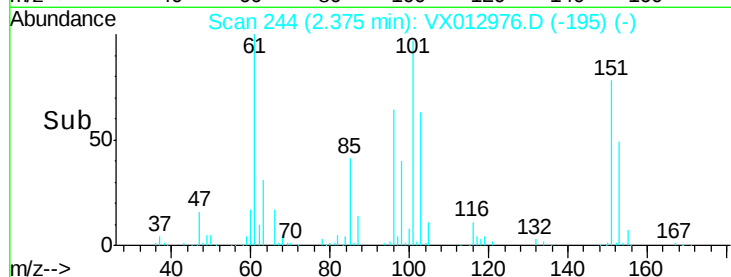
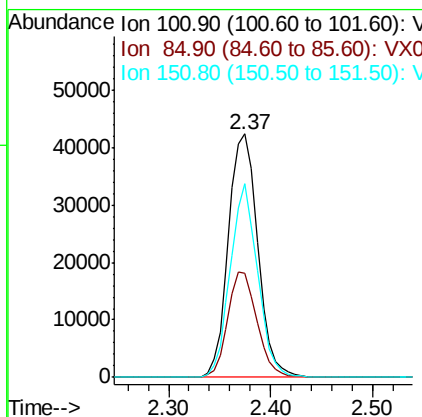
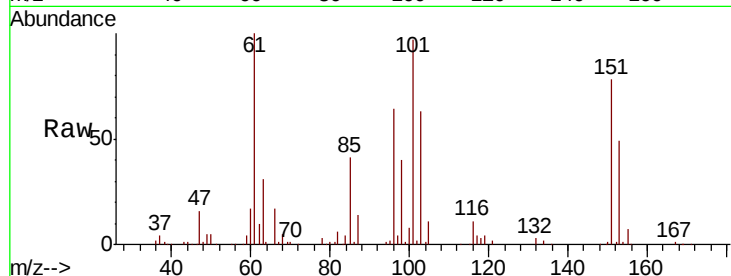
ClientSampleId :

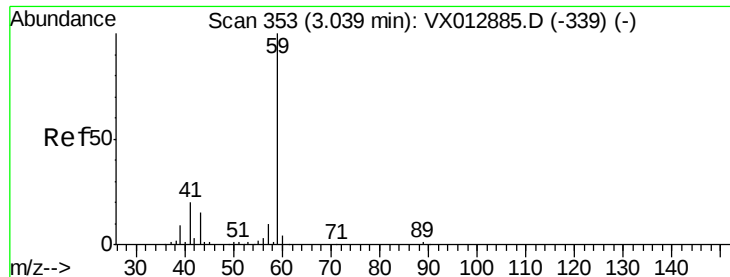
FA19-JMW1963MS

Tot Ion:	101	Resp:	84452
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.2	52.8
151	74.1	60.3	90.5

Manual Integrations
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#11

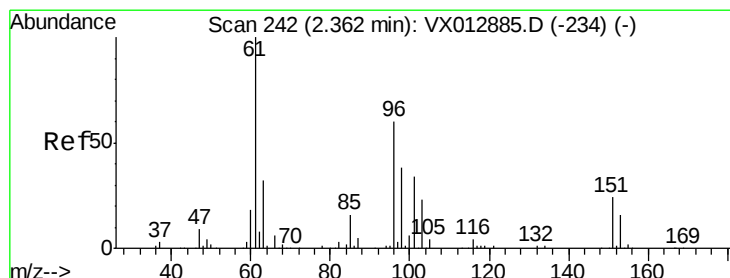
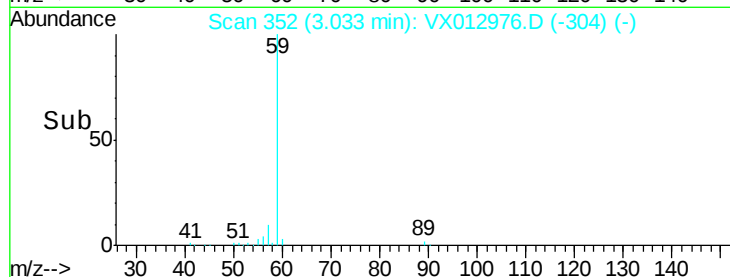
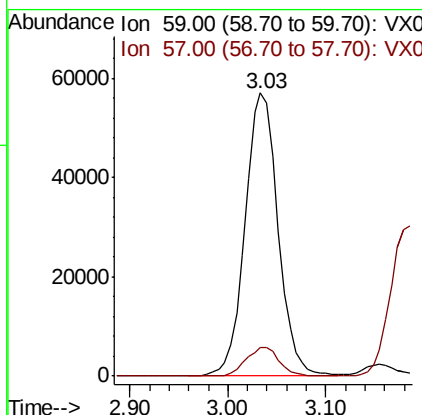
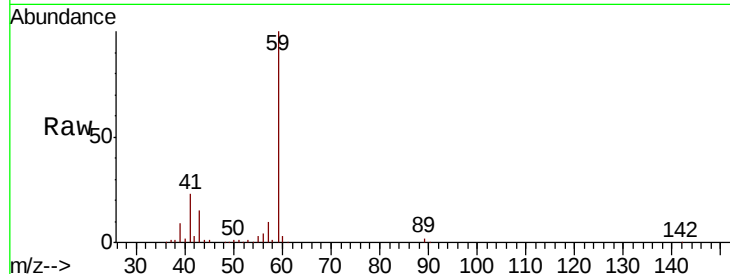
Tert butyl alcohol
Concen: 249.484 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion	59	57	Ratio	100	10.2	Resp	133528	Lower	8.3	Upper	12.5
Ion	59	57	Ratio	100	10.2	Resp	133528	Lower	8.3	Upper	12.5

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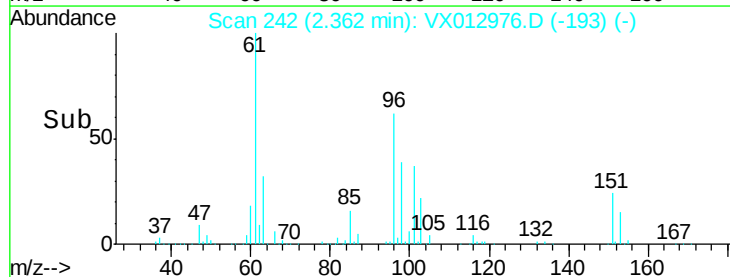
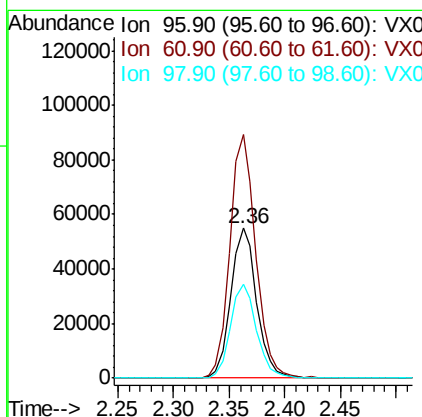
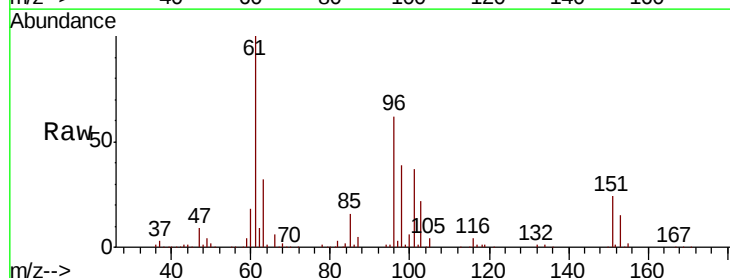
MMDadoda
10/10/2019 9:04:40 AM

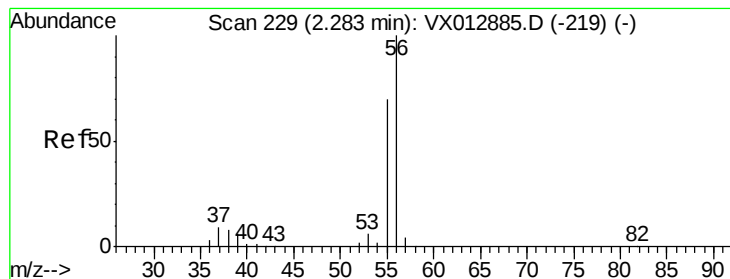


#12

1,1-Dichloroethene
Concen: 54.216 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion	96	61	98	Ratio	100	162.5	62.8	Resp	88502	Lower	132.2	50.5	Upper	198.4	75.7
Ion	96	61	98	Ratio	100	162.5	62.8	Resp	88502	Lower	132.2	50.5	Upper	198.4	75.7





#13

Acrolein

Concen: 218.117 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 56 Resp: 82962

Ion Ratio Lower Upper

56 100

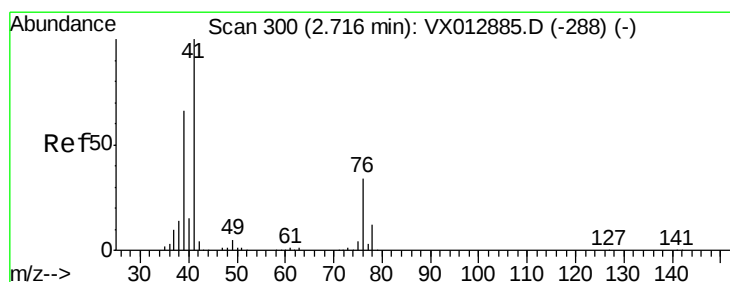
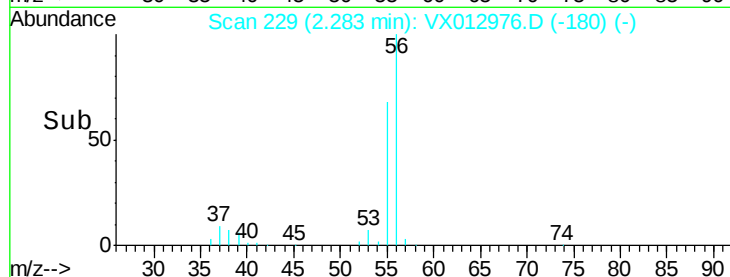
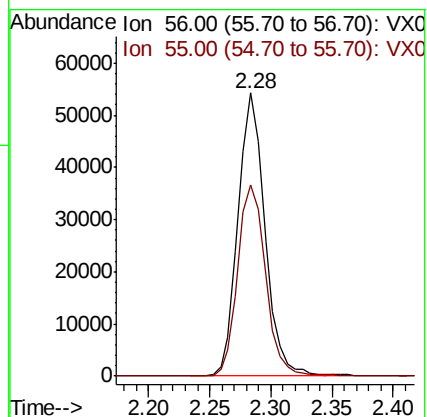
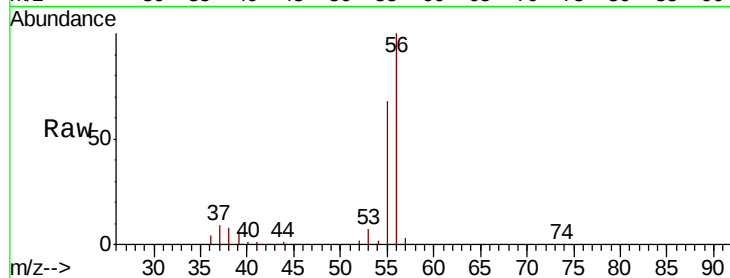
55 69.2 56.6 85.0

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#14

Allyl chloride

Concen: 52.421 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

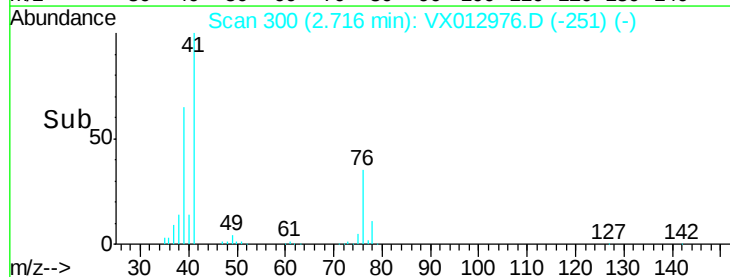
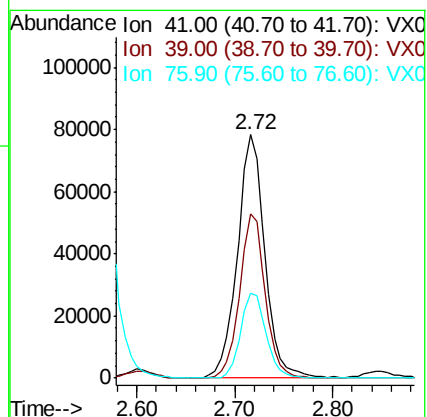
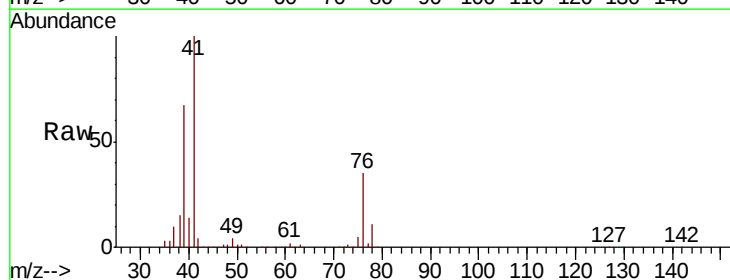
Tgt Ion: 41 Resp: 152391

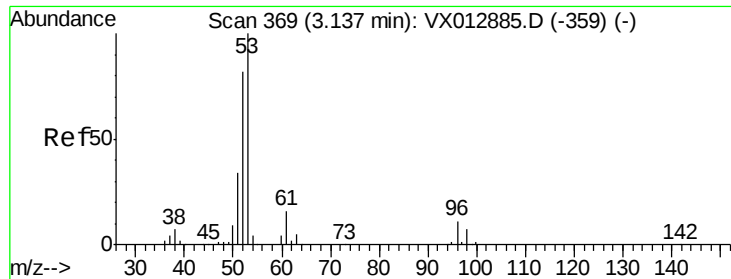
Ion Ratio Lower Upper

41 100

39 63.1 51.0 76.6

76 32.5 26.2 39.4





#15

Acrylonitrile

Concen: 280.028 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

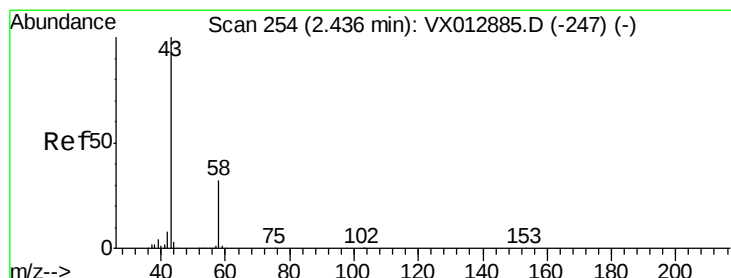
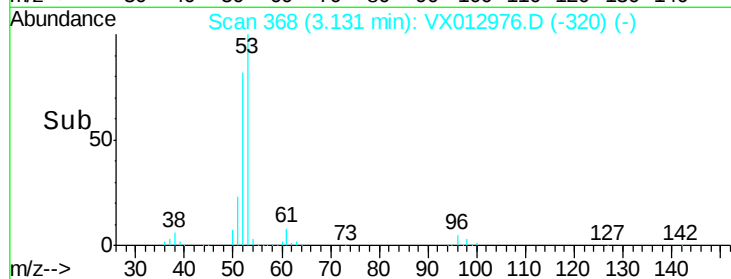
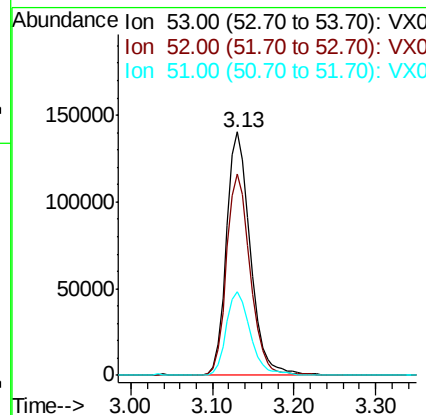
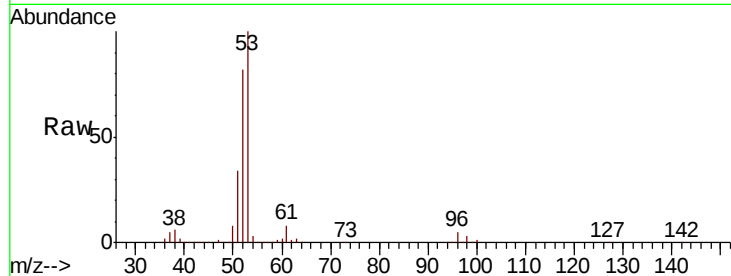
ClientSampleId :

FA19-JMW1963MS

Tot Ion:	53	Resp:	284025
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.2	99.2
51	35.4	28.2	42.4

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#16

Acetone

Concen: 234.467 ug/l

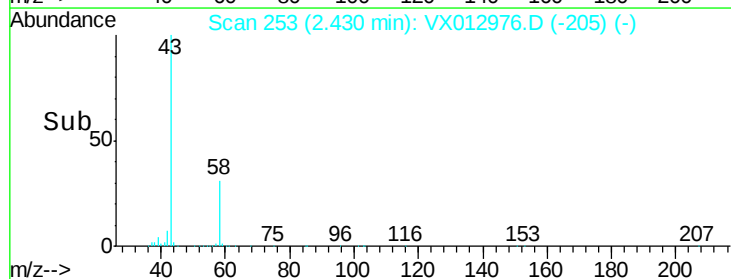
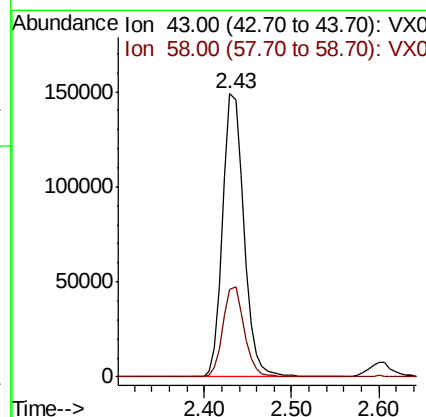
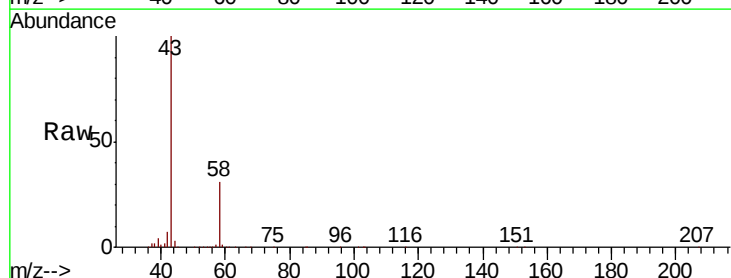
RT: 2.43 min Scan# 253

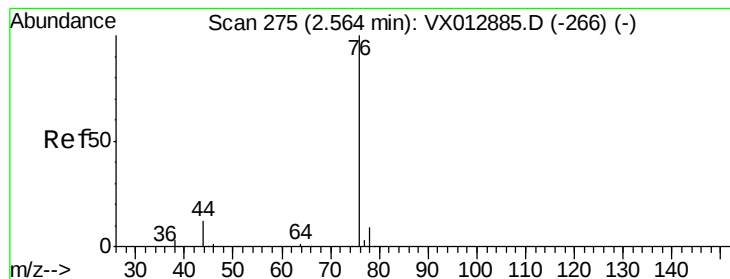
Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Tgt Ion:	43	Resp:	249522
Ion Ratio	Lower	Upper	
43	100		
58	31.1	25.4	38.2





#17

Carbon Disulfide

Concen: 50.683 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 76 Resp: 235909

Ion Ratio Lower Upper

76 100

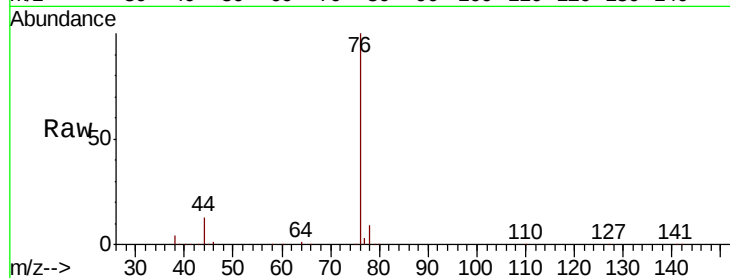
78 8.6 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

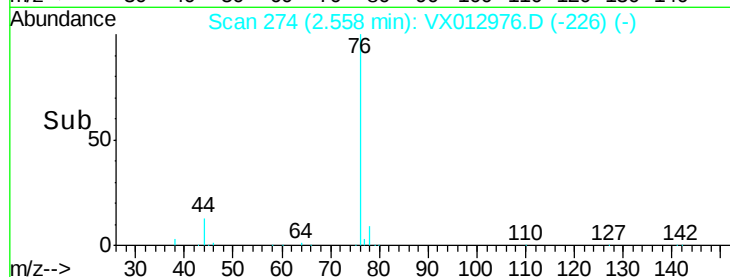
150000

100000

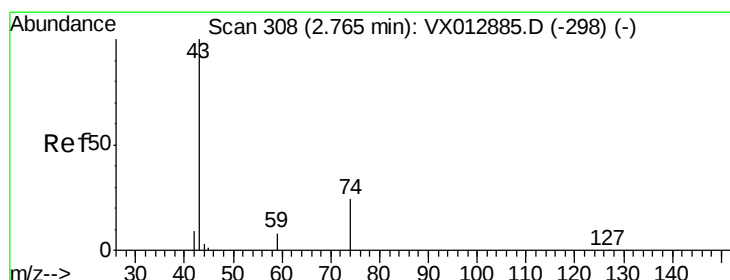
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 48.252 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012976.D

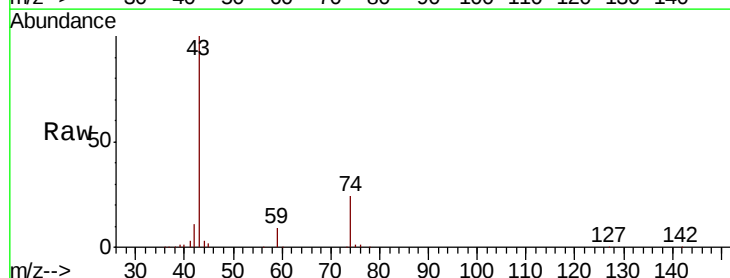
Acq: 10 Oct 2019 05:20

Tgt Ion: 43 Resp: 121715

Ion Ratio Lower Upper

43 100

74 24.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

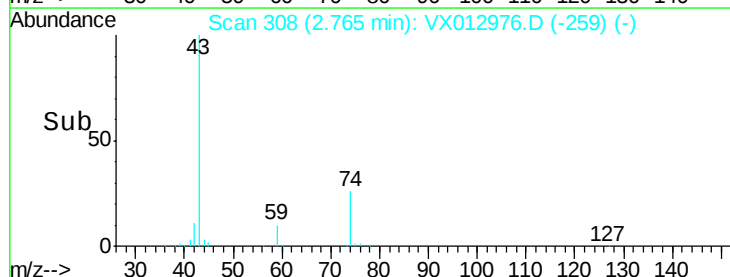
60000

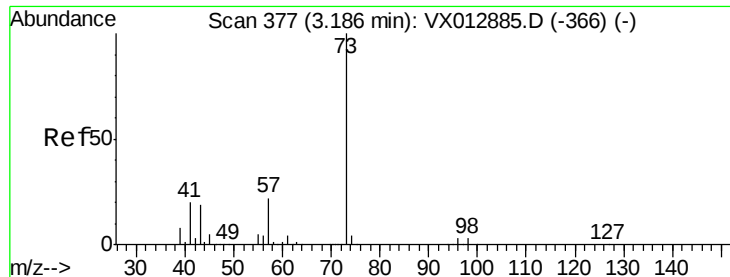
40000

20000

0

Time-->





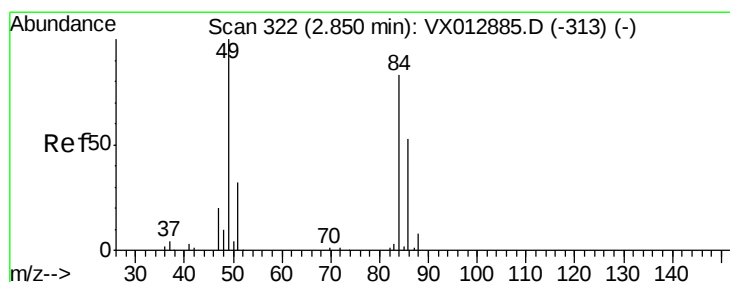
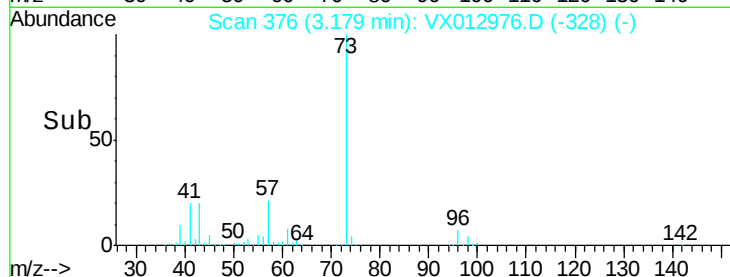
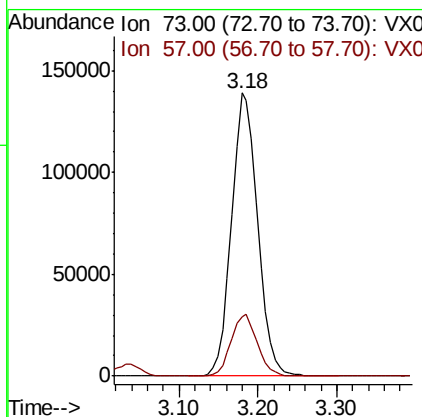
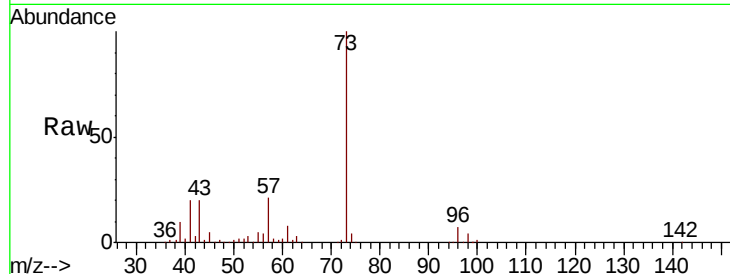
#19
Methyl tert-butyl Ether
Concen: 56.693 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion: 73 Resp: 319593
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.6

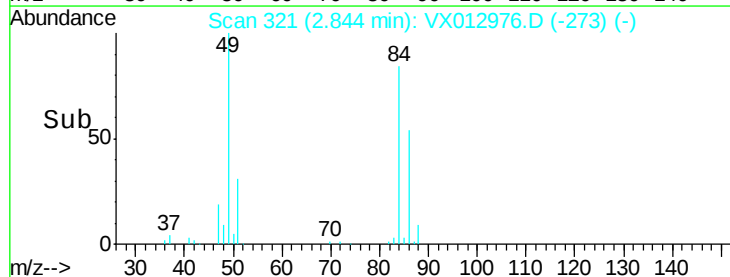
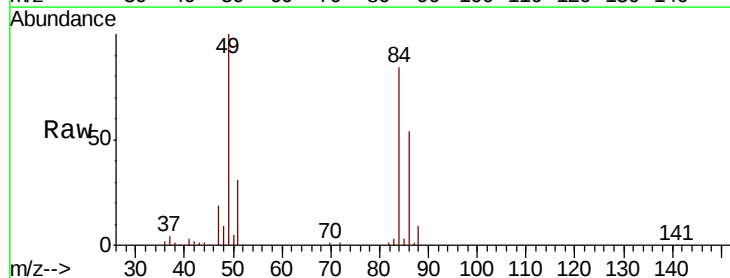
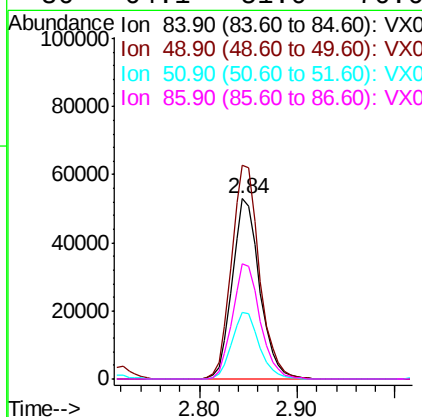
Manual Integrations
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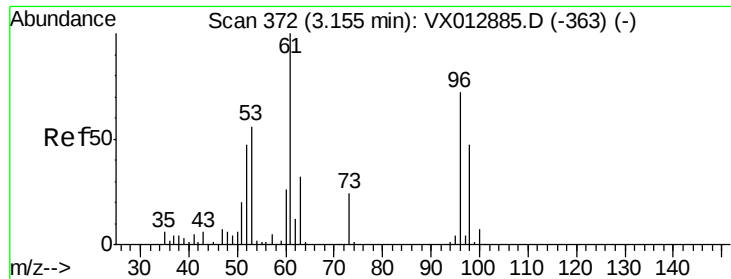
MMDadoda
10/10/2019 9:04:40 AM



#20
Methylene Chloride
Concen: 52.826 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion: 84 Resp: 103317
Ion Ratio Lower Upper
84 100
49 118.6 96.6 144.8
51 37.2 30.7 46.1
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 55.163 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

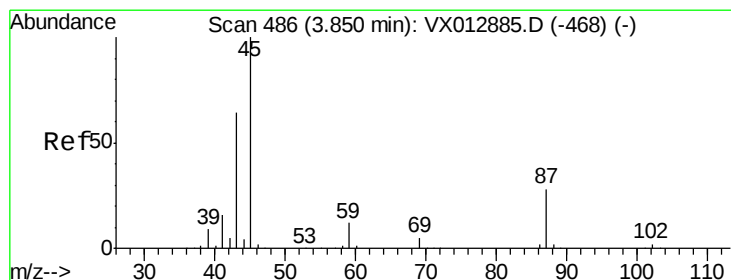
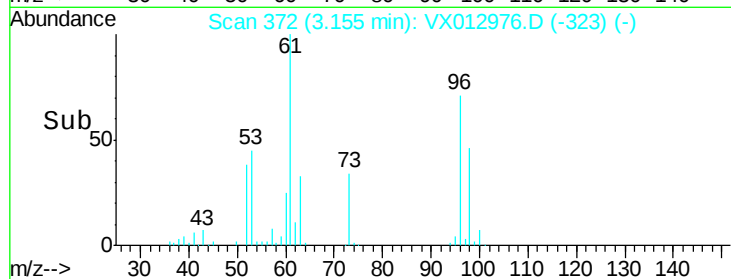
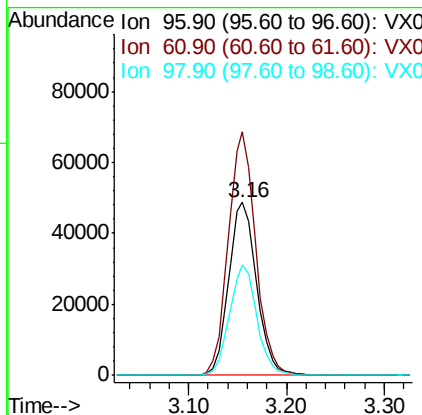
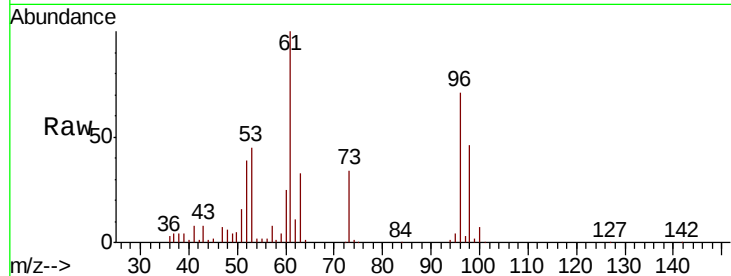
ClientSampleId :

FA19-JMW1963MS

Tot Ion:	96	Resp:	96516
Ion	Ratio	Lower	Upper
96	100		
61	141.0	110.4	165.6
98	64.3	51.5	77.3

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#22

Diisopropyl ether

Concen: 56.626 ug/l

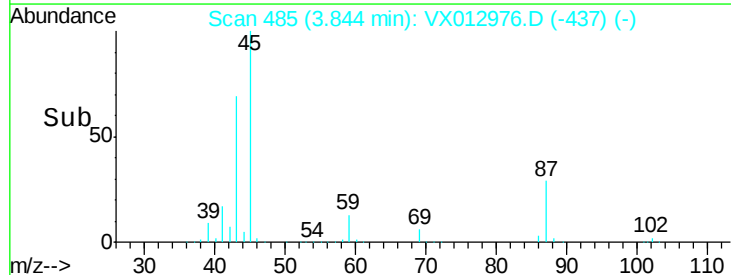
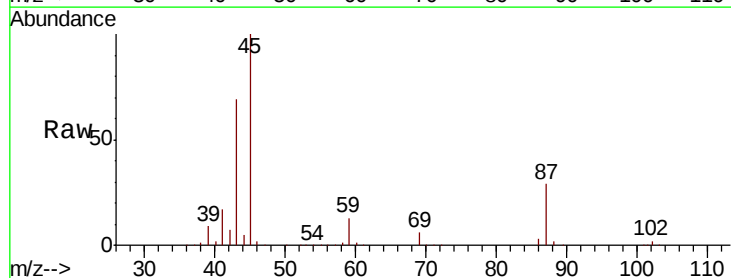
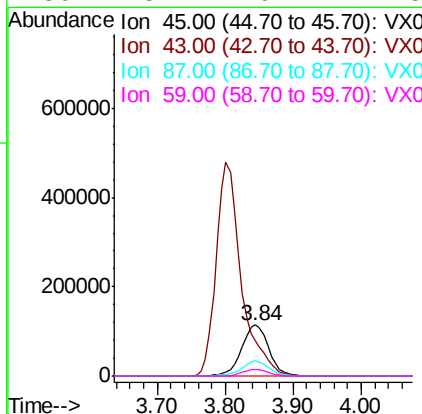
RT: 3.84 min Scan# 485

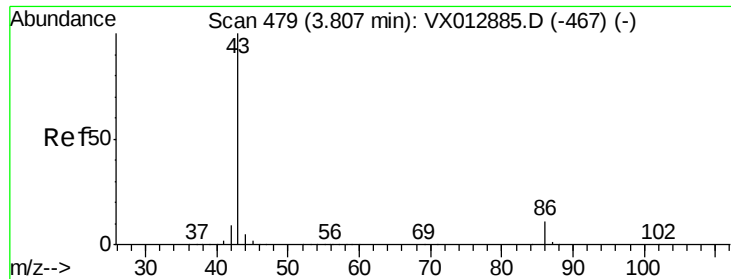
Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Tgt Ion:	45	Resp:	315439
Ion	Ratio	Lower	Upper
45	100		
43	69.3	51.4	77.0
87	29.4	22.5	33.7
59	13.1	9.7	14.5





#23

Vinyl Acetate

Concen: 255.480 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 43 Resp: 1228570

Ion Ratio Lower Upper

43 100

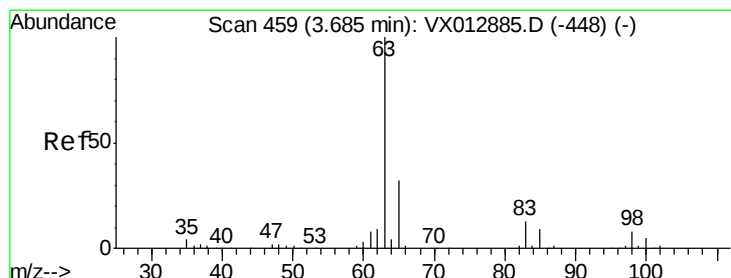
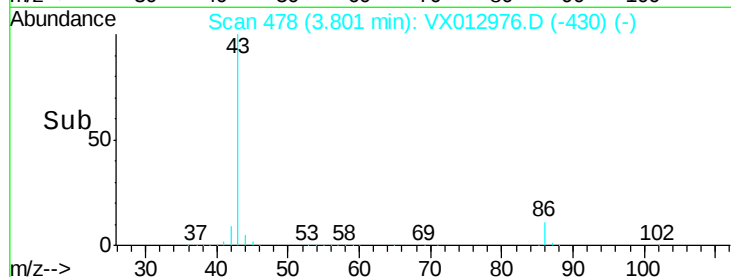
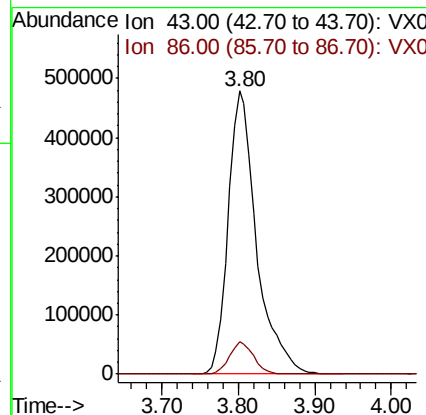
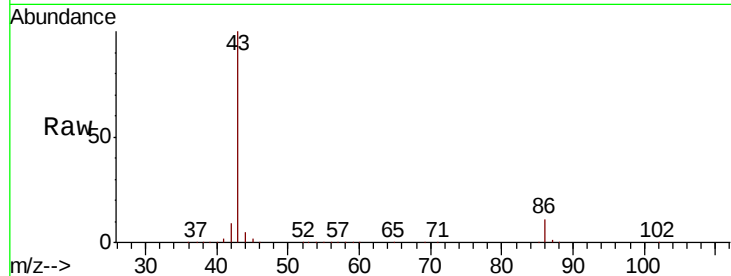
86 11.3 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 56.330 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

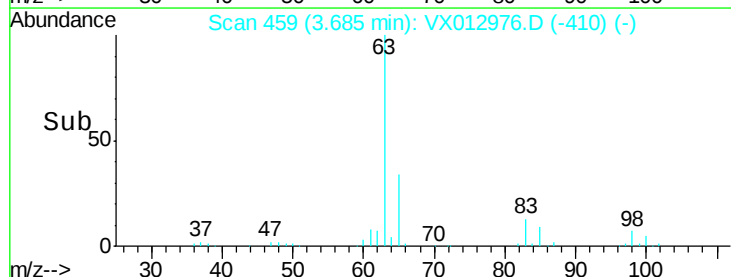
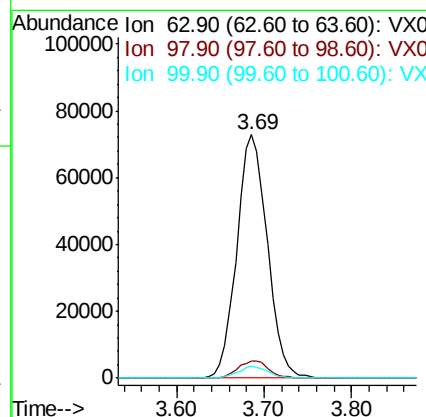
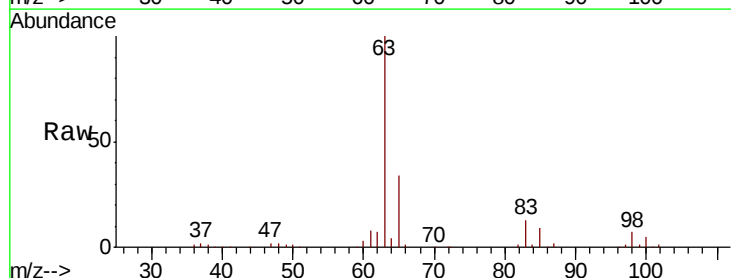
Tgt Ion: 63 Resp: 176529

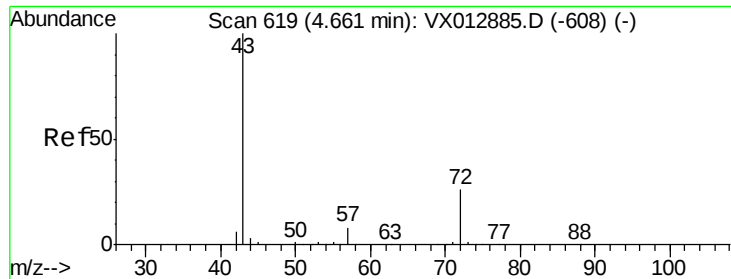
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 261.977 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 43 Resp: 386795

Ion Ratio Lower Upper

43 100

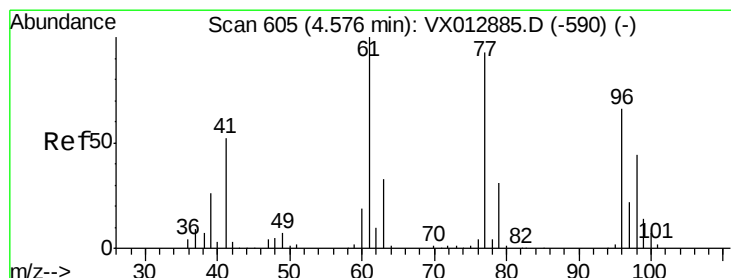
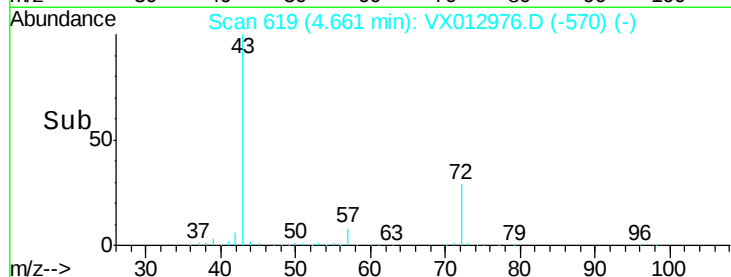
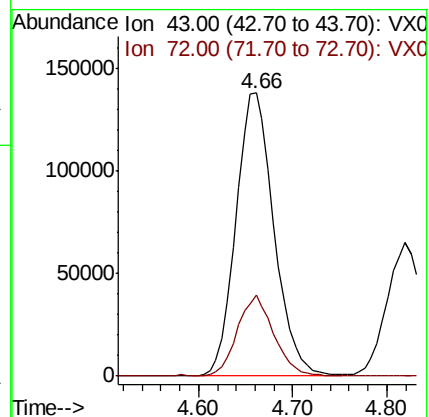
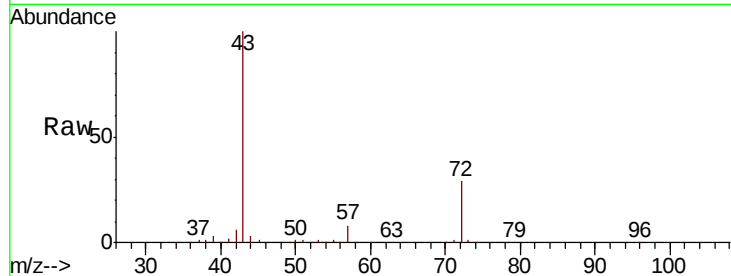
72 28.4 21.0 31.6

Manual Integrations

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10/10/2019 9:04:40 AM



#26

2,2-Dichloropropane

Concen: 37.270 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012976.D

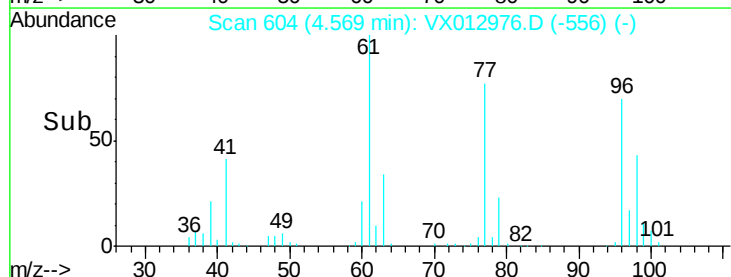
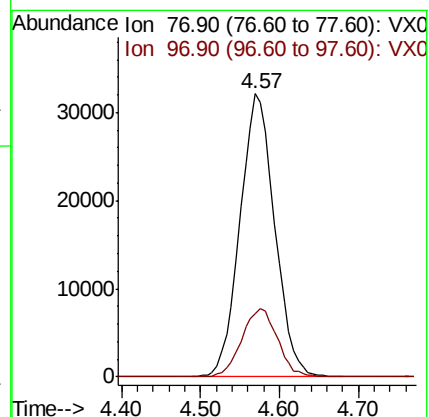
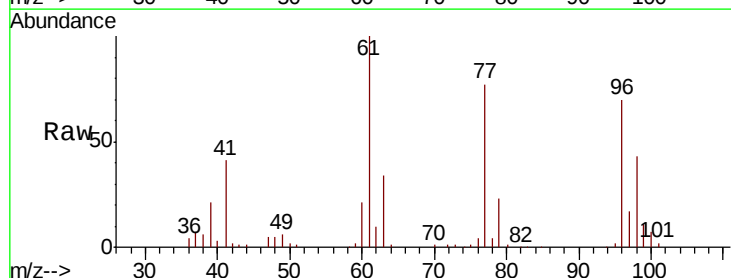
Acq: 10 Oct 2019 05:20

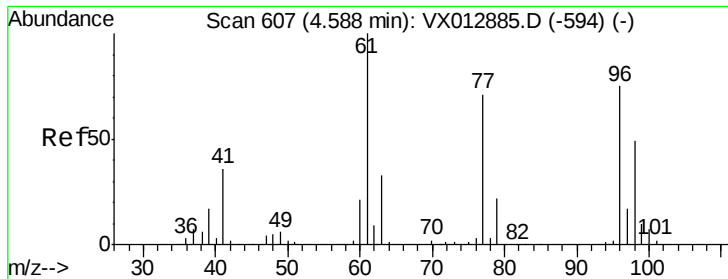
Tgt Ion: 77 Resp: 98217

Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.9





#27

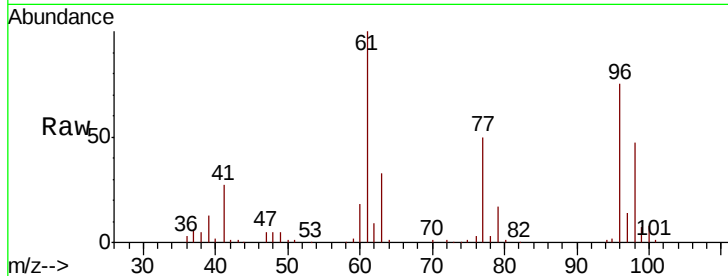
cis-1,2-Dichloroethene
Concen: 56.306 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

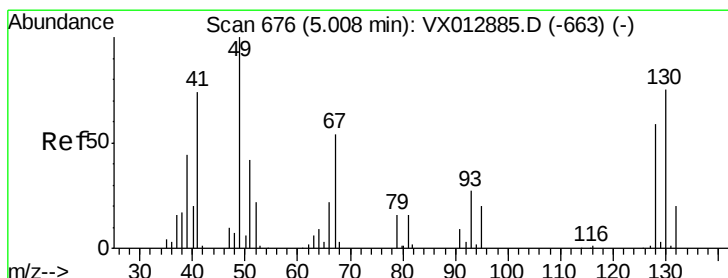
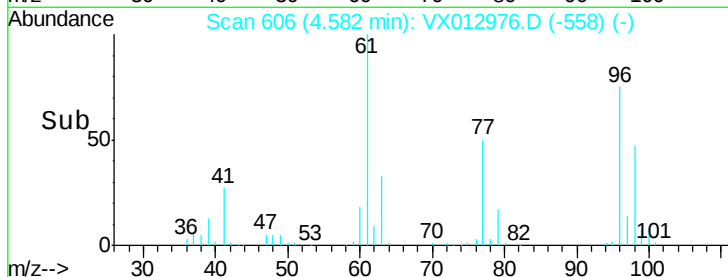
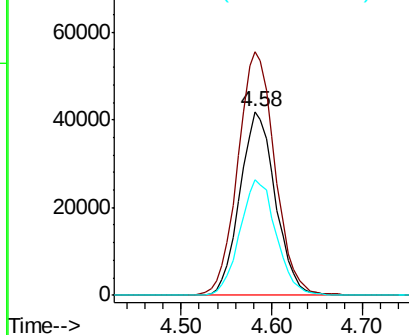
Tot Ion	Ratio	Resp	Lower	Upper
96	100	113556		
61	138.7	0.0	290.6	
98	64.0	0.0	128.8	

Manual Integrations
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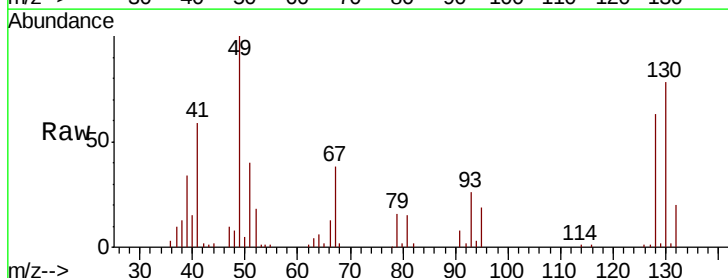
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



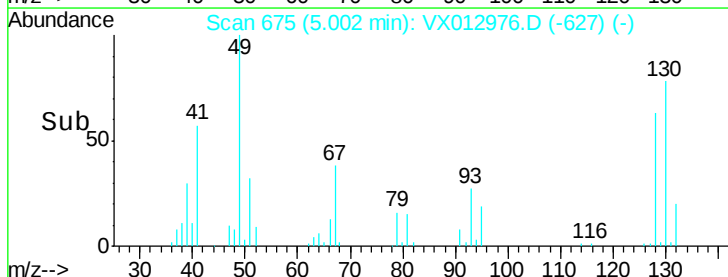
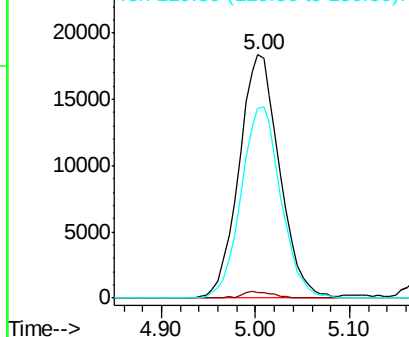
#28

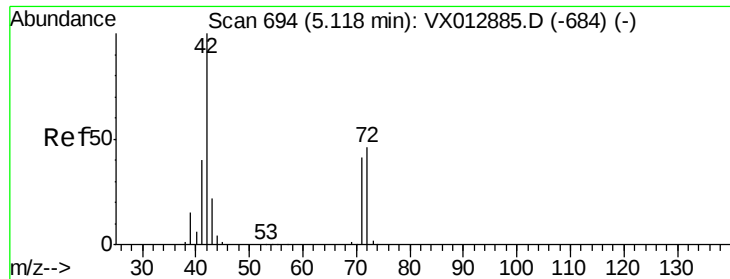
Bromochloromethane
Concen: 59.069 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	55245		
129	2.2	0.0	4.2	
130	76.9	62.1	93.1	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





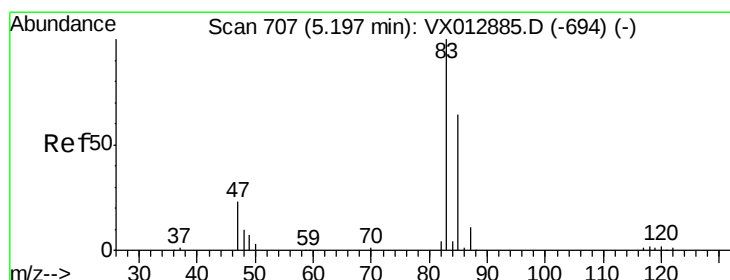
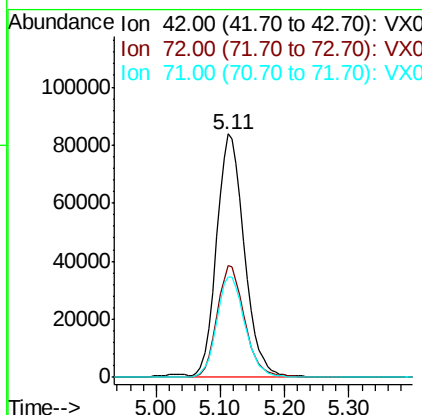
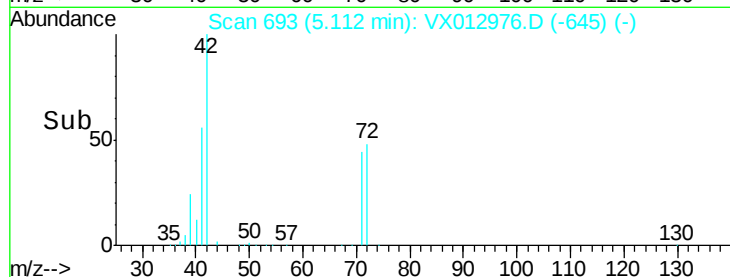
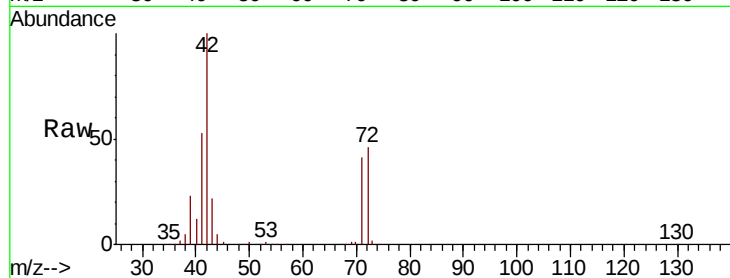
#29
Tetrahydrofuran
Concen: 279.294 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.9	55.3
71	42.2	33.5	50.3

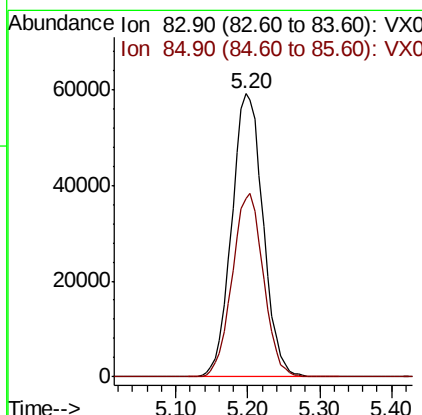
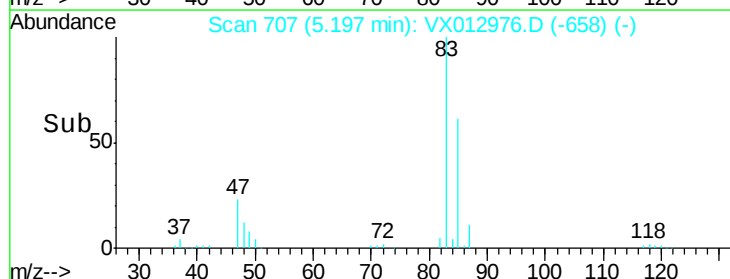
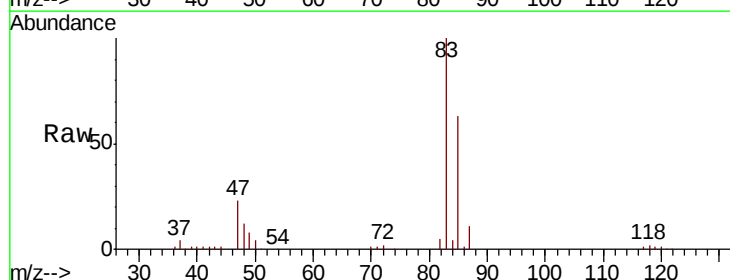
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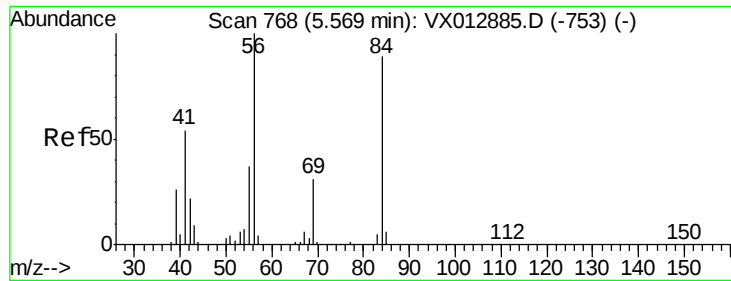
MMDadoda
10/10/2019 9:04:40 AM



#30
Chloroform
Concen: 55.582 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3





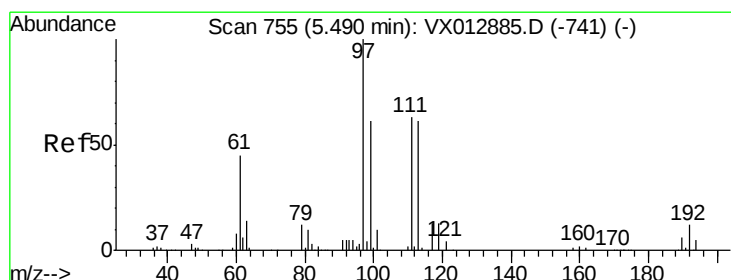
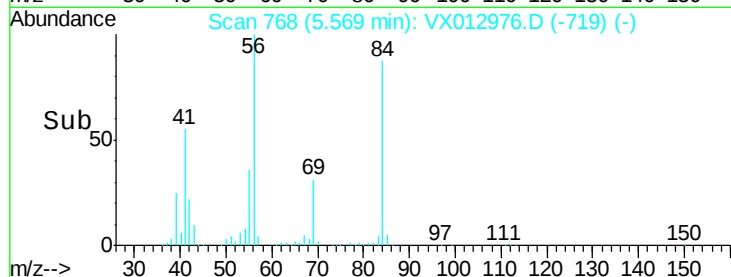
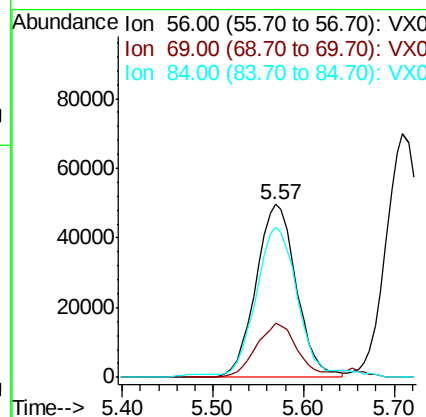
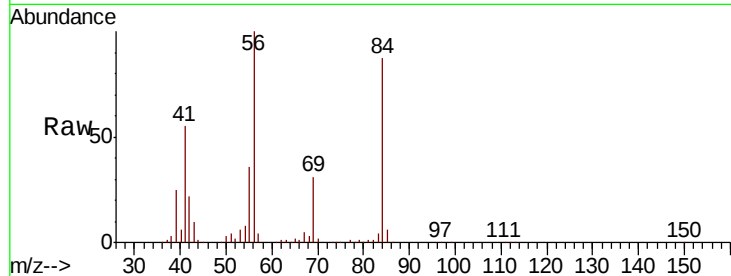
#31
Cyclohexane
Concen: 52.245 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.2	37.8
84	85.5	71.3	106.9

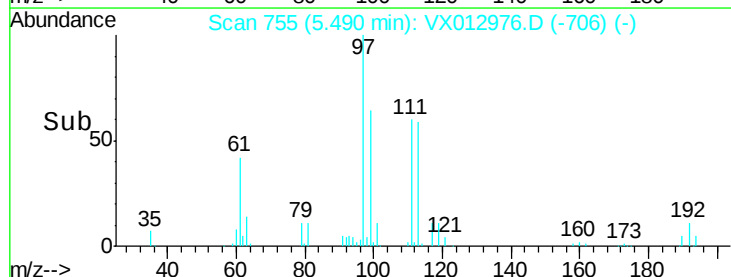
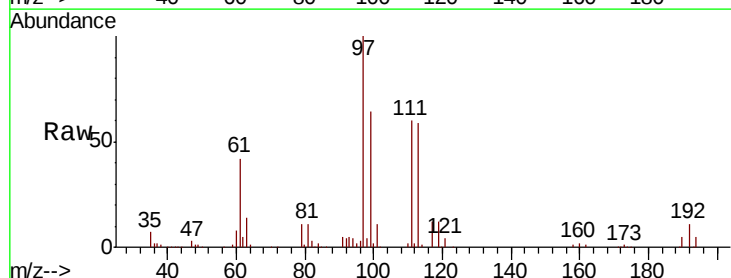
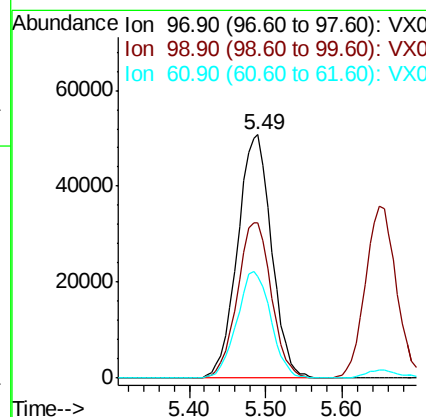
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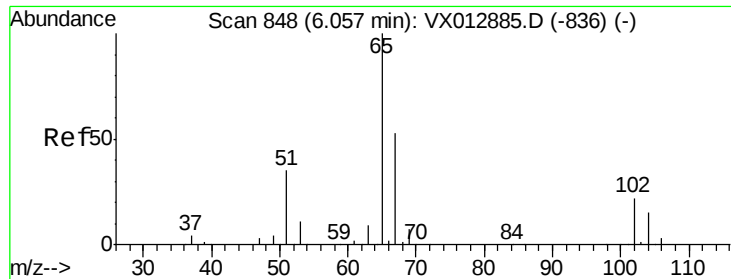
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 57.242 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.3	78.5
61	44.0	35.0	52.4





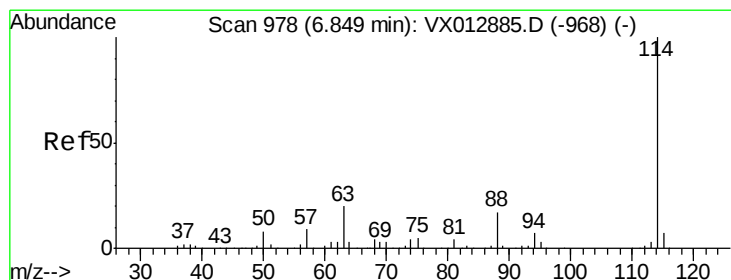
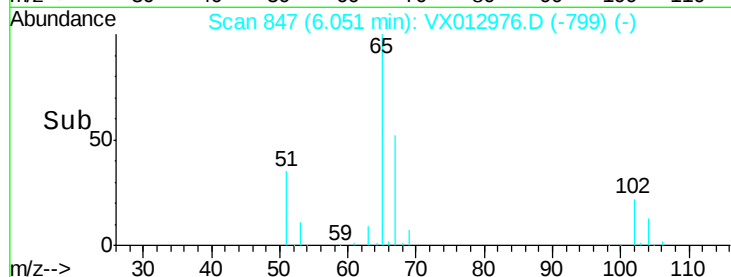
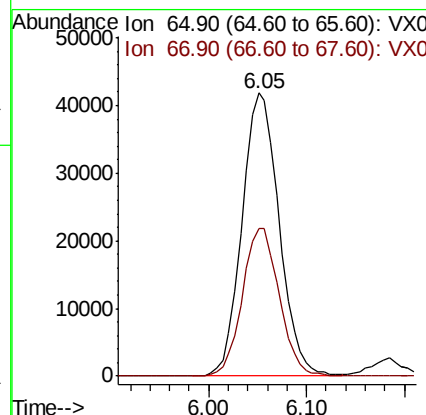
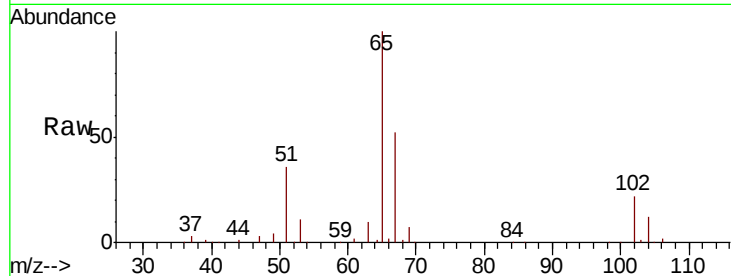
#33
 1,2-Dichloroethane-d4
 Concen: 54.585 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110207		
67	51.8	0.0	104.4	

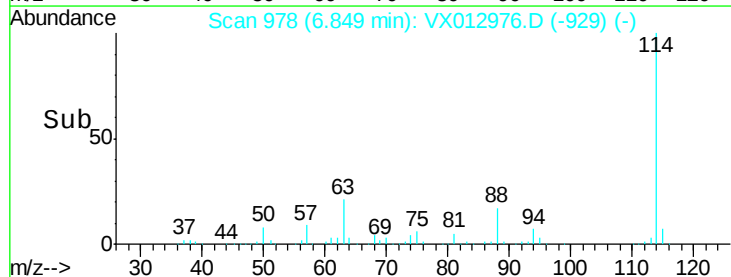
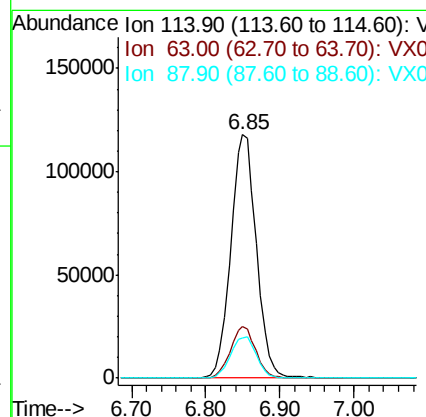
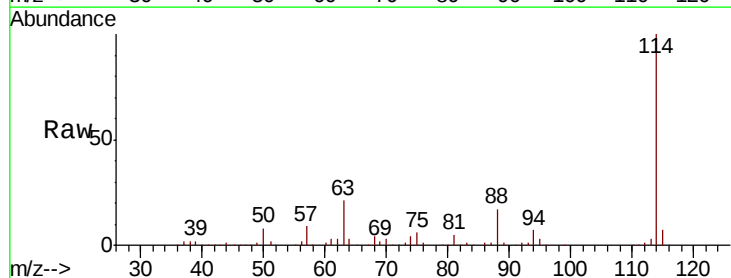
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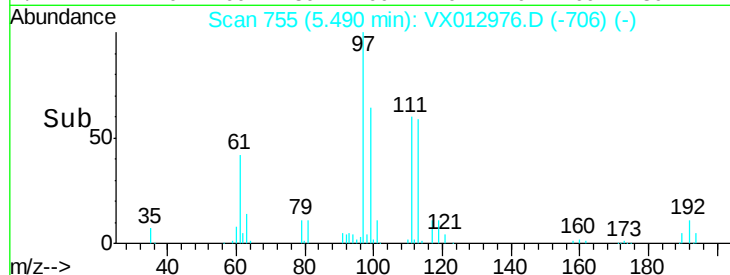
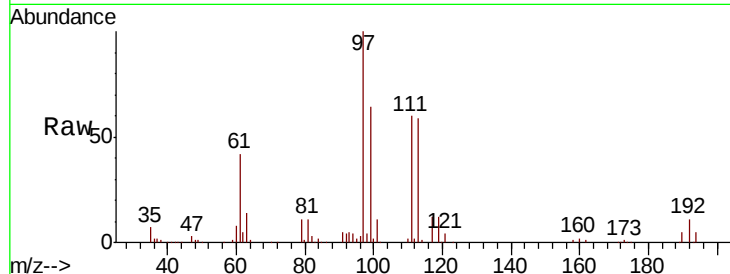
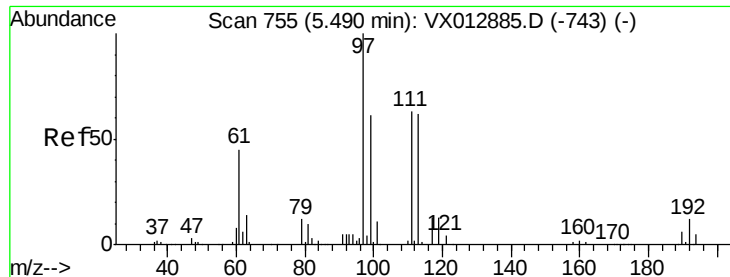
MMDadoda
 10/10/2019 9:04:40 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	283395		
63	21.4	0.0	40.8	
88	16.6	0.0	33.8	





#35

Dibromofluoromethane

Concen: 53.508 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012976.D

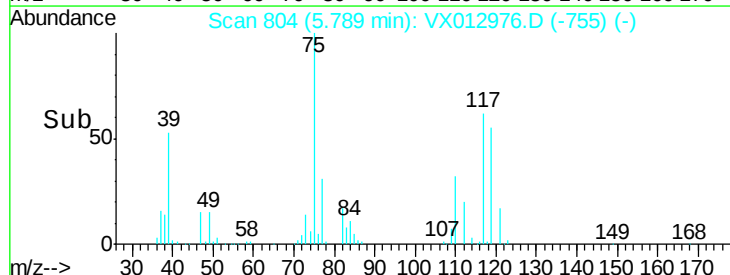
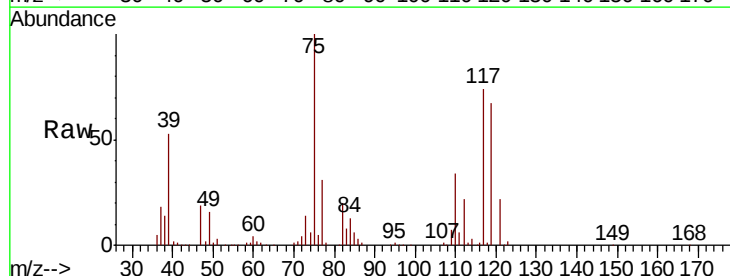
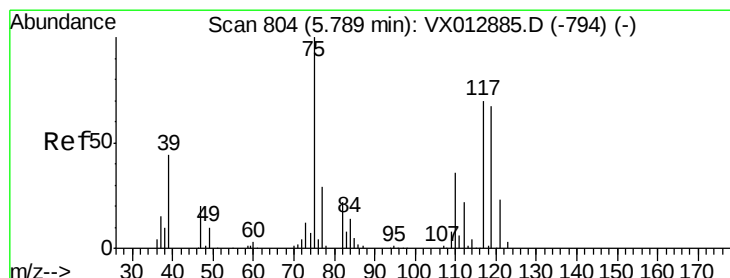
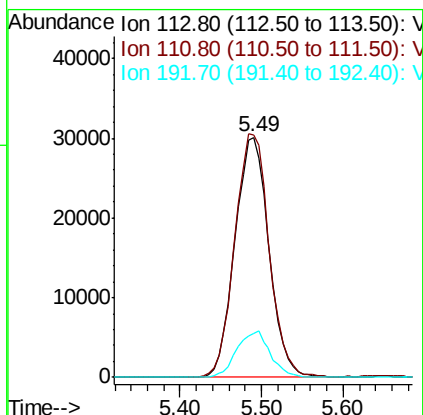
Acq: 10 Oct 2019 05:20

Tot Ion:	113	Resp:	87032
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.2	124.8
192	18.9	15.4	23.2

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

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#36

1,1-Dichloropropene

Concen: 53.195 ug/l

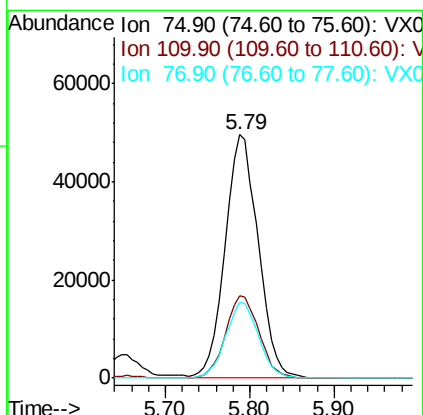
RT: 5.79 min Scan# 804

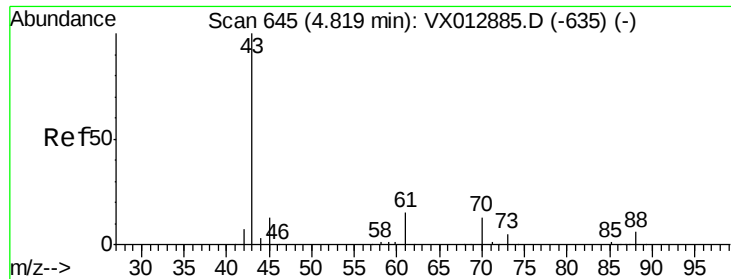
Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Tgt Ion:	75	Resp:	132543
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.6	52.9
77	31.2	24.4	36.6





#37

Ethyl Acetate

Concen: 66.583 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

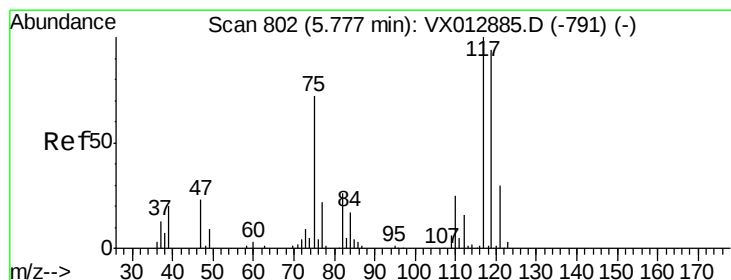
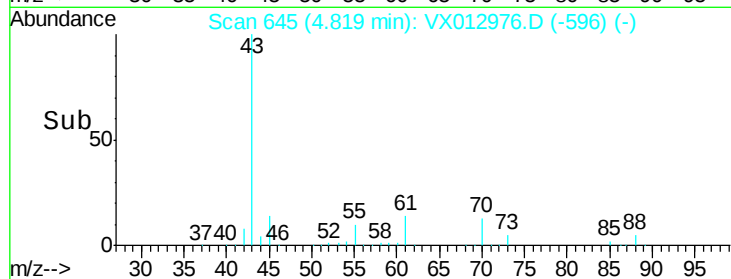
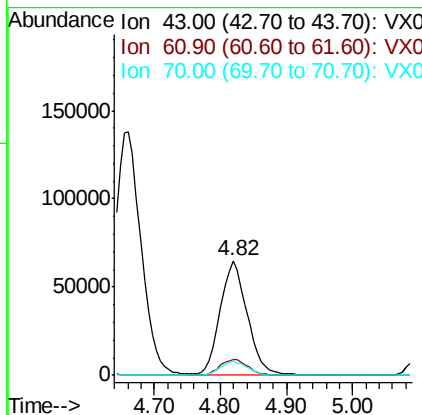
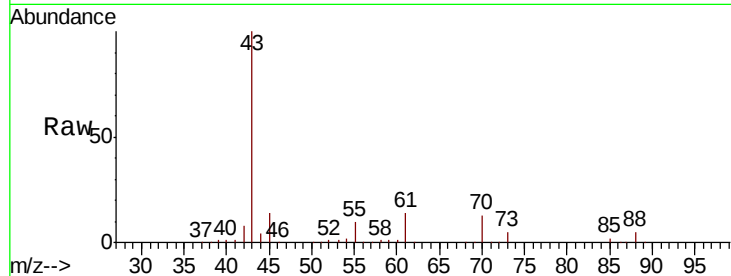
ClientSampleId :

FA19-JMW1963MS

Tot Ion:	43	Resp:	185509
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.0
70	12.1	9.8	14.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 53.613 ug/l

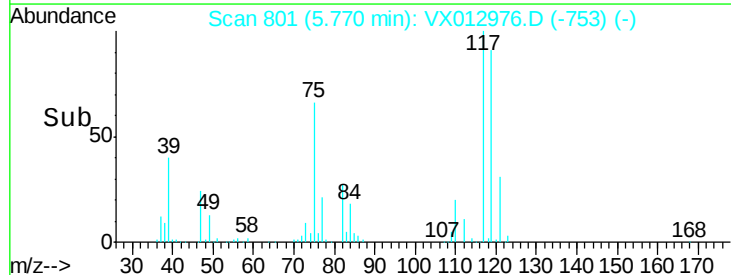
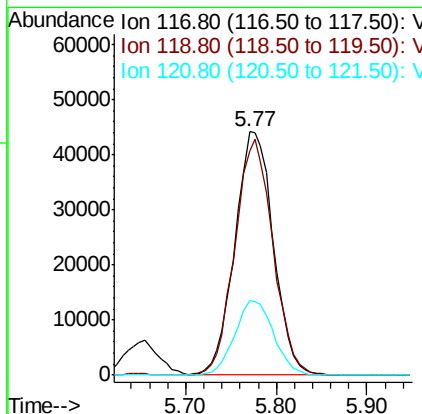
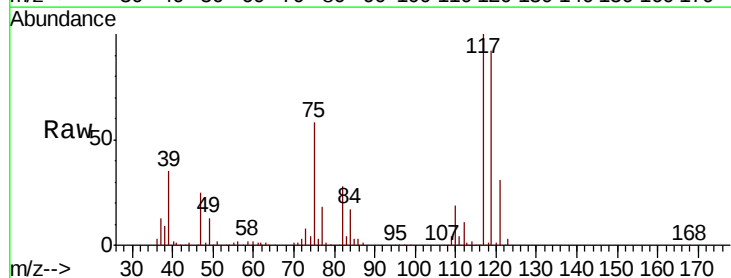
RT: 5.77 min Scan# 801

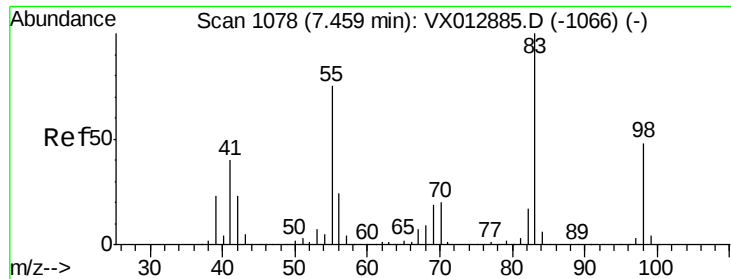
Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Tgt Ion:	117	Resp:	130023
Ion	Ratio	Lower	Upper
117	100		
119	92.2	74.5	111.7
121	30.9	24.2	36.4





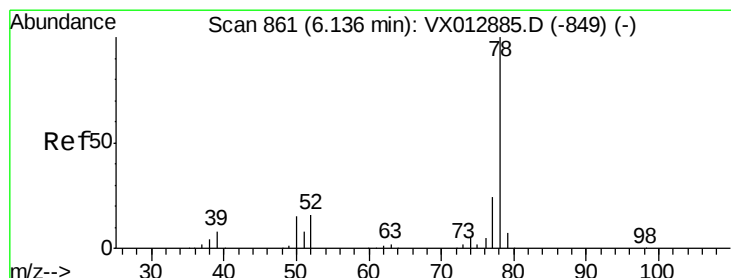
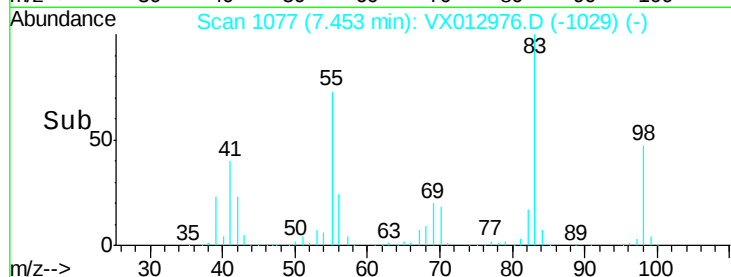
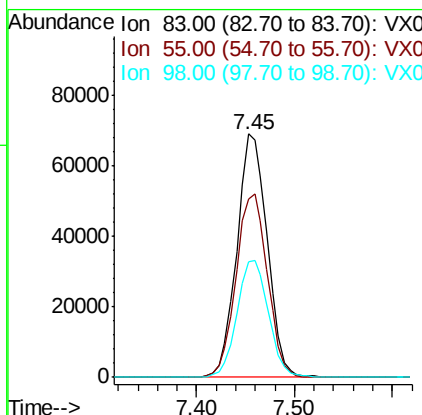
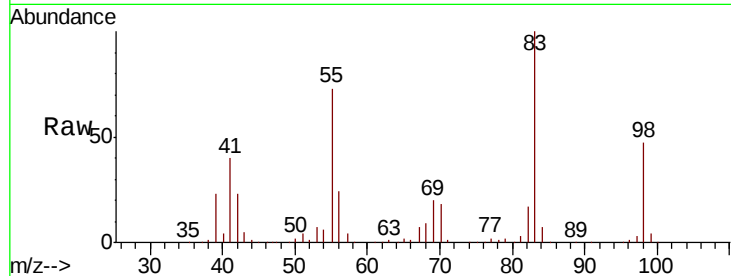
#39
Methylvlcyclohexane
Concen: 49.092 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	60.2	90.4
98	47.3	38.5	57.7

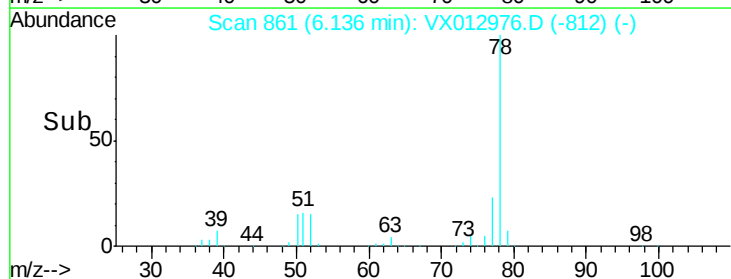
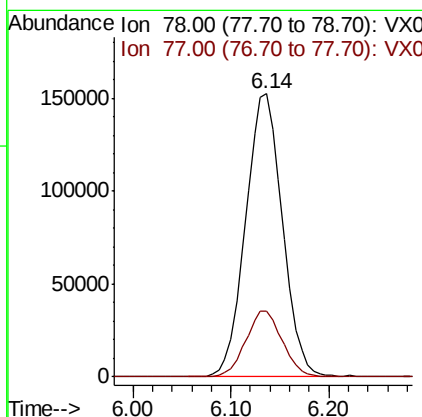
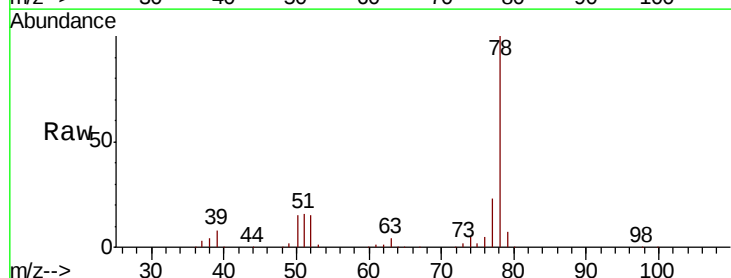
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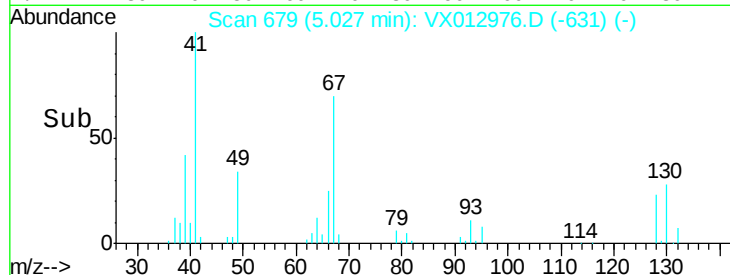
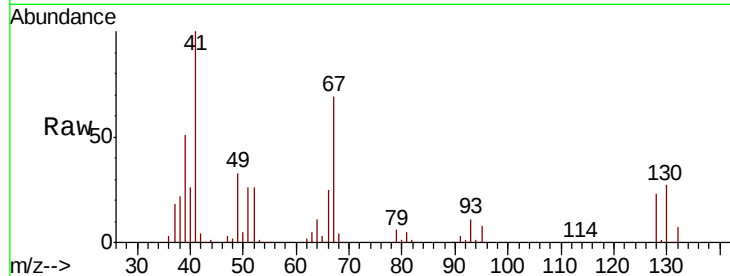
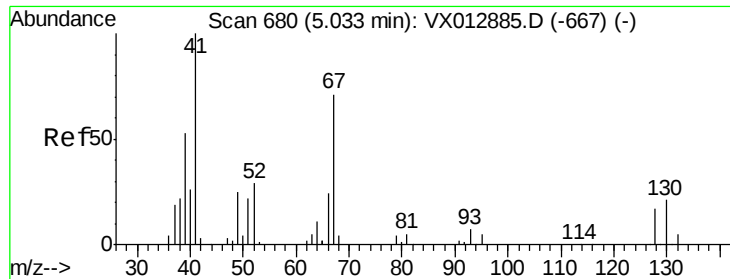
MMDadoda
10/10/2019 9:04:40 AM



#40
Benzene
Concen: 54.350 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





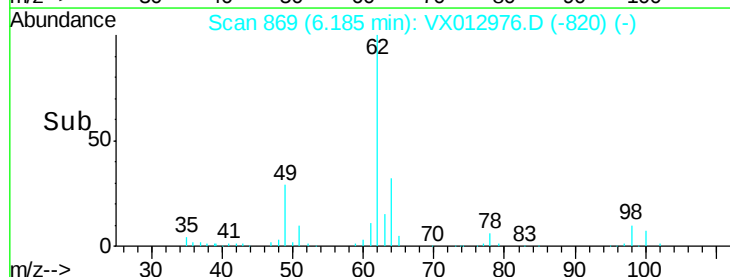
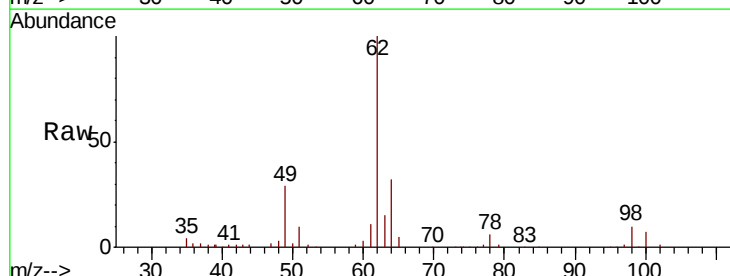
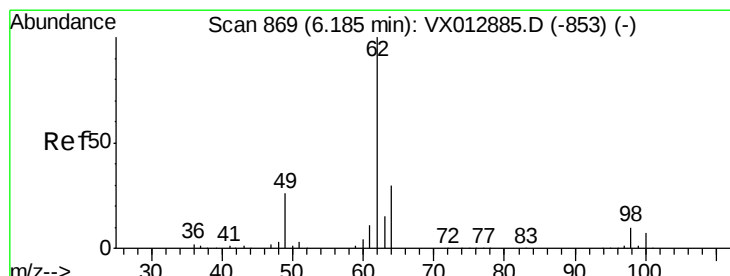
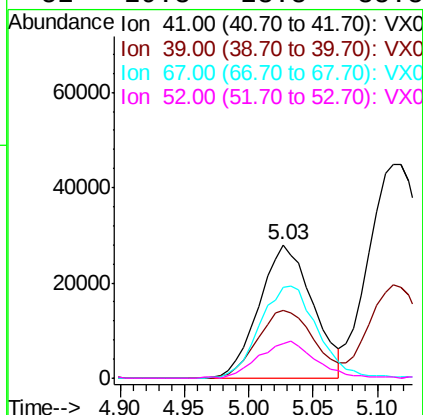
#41
Methacrylonitrile
Concen: 52.932 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	53.7	44.0	66.0
67	67	74.5	58.5	87.7
52	52	29.3	23.8	35.8

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

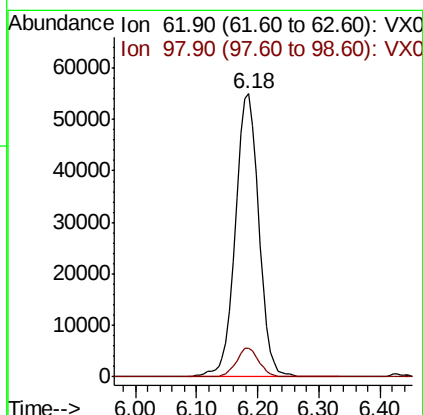
Manual Integrations
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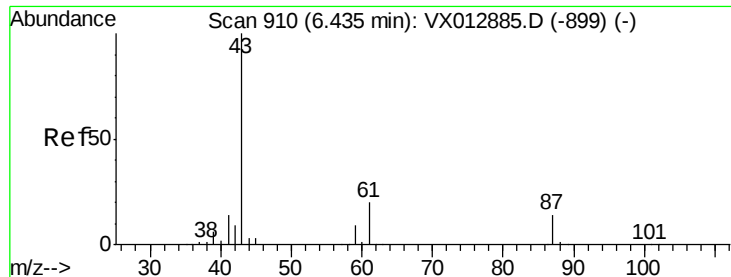
MMDadoda
10/10/2019 9:04:40 AM



#42
1,2-Dichloroethane
Concen: 54.806 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	9.7	0.0	20.4





#43

Isopropyl Acetate

Concen: 51.037 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

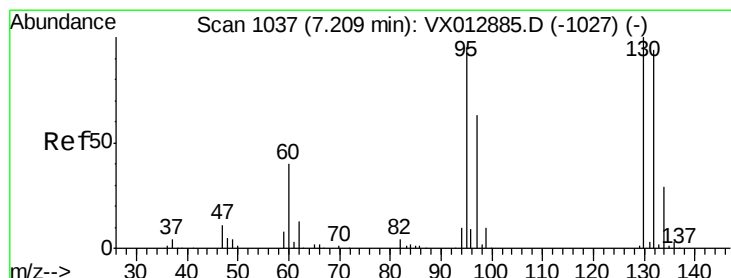
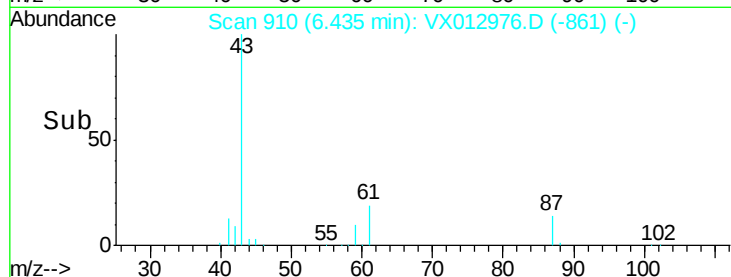
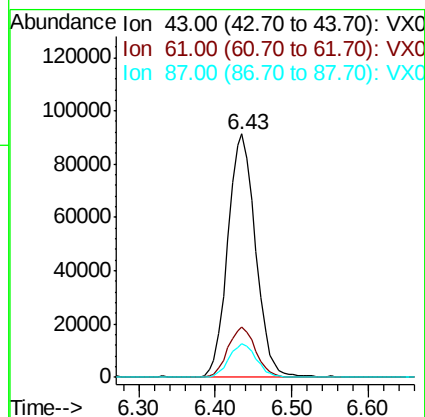
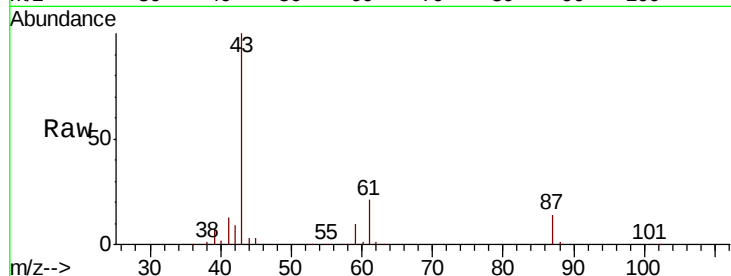
ClientSampleId :

FA19-JMW1963MS

Tot Ion:	43	Resp:	228225
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.6	24.8
87	13.8	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 51.864 ug/l

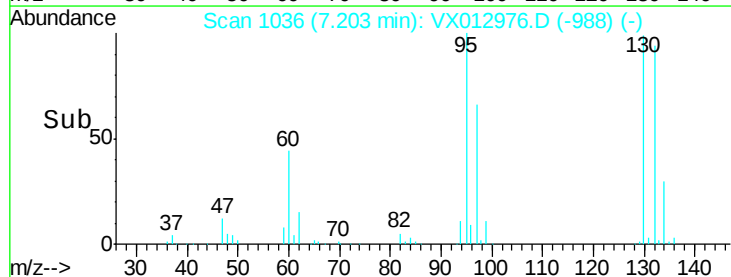
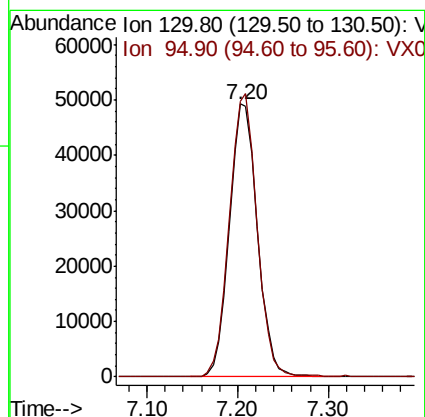
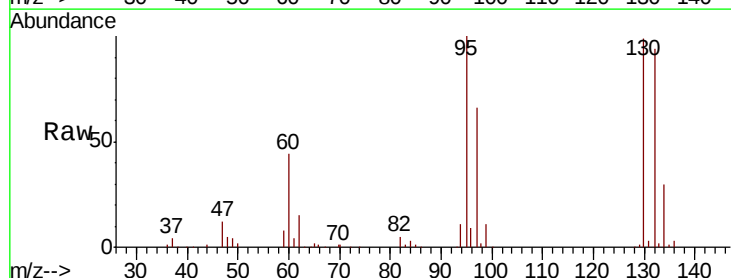
RT: 7.20 min Scan# 1036

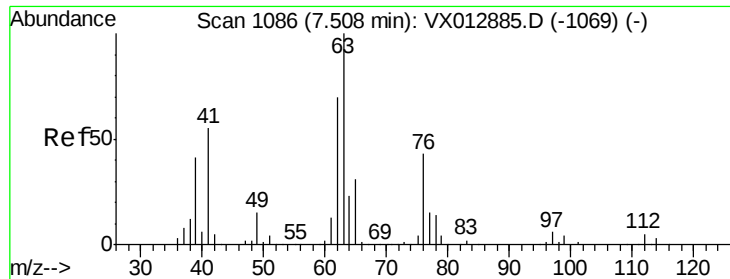
Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Tgt Ion:	130	Resp:	105838
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	189.2





#45

1,2-Dichloropropane

Concen: 55.200 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 63 Resp: 103532

Ion Ratio Lower Upper

63 100

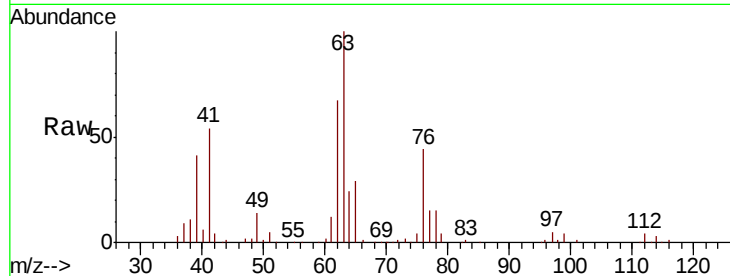
65 28.7 24.6 37.0

Manual Integrations

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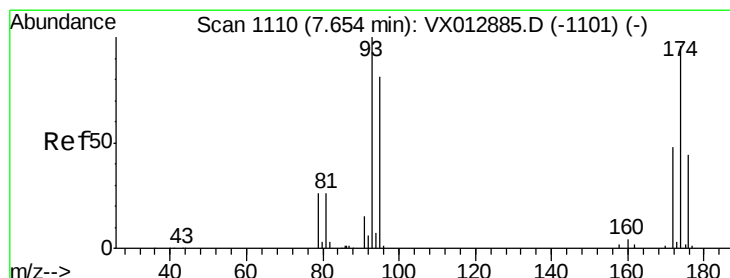
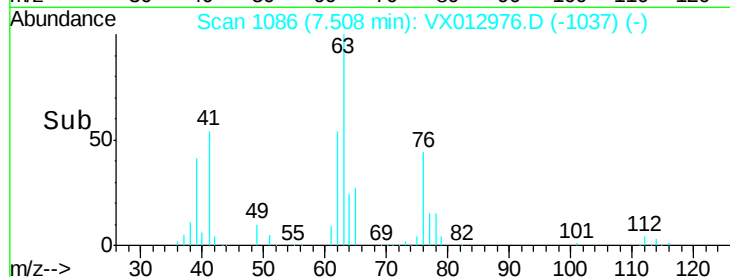
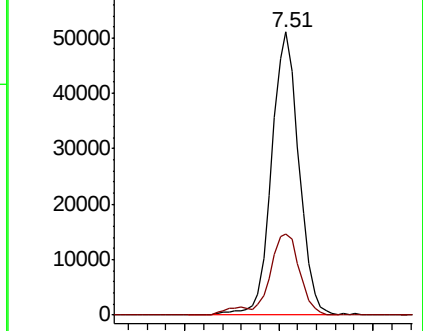
MMDadoda

10/10/2019 9:04:40 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 55.020 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

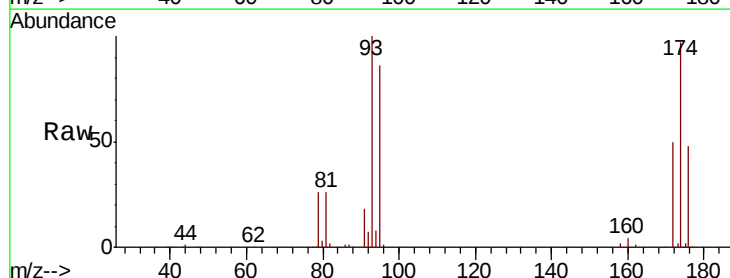
Tgt Ion: 93 Resp: 68754

Ion Ratio Lower Upper

93 100

95 84.7 66.3 99.5

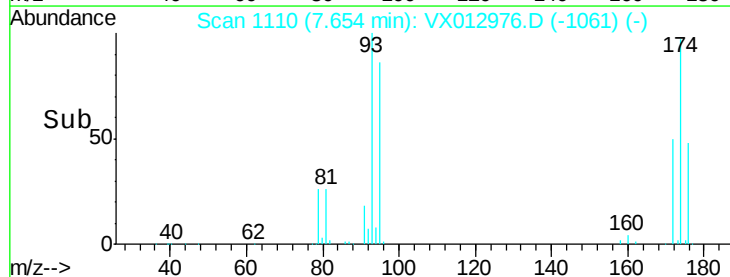
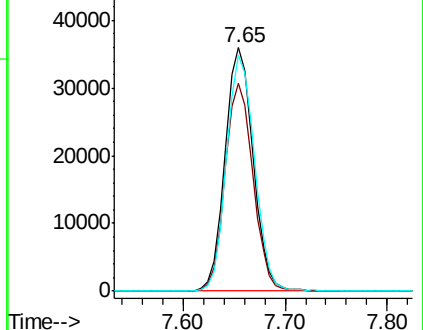
174 96.8 77.8 116.6

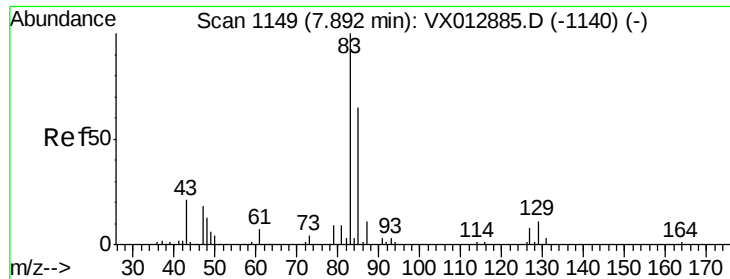


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.806 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 83 Resp: 136091

Ion Ratio Lower Upper

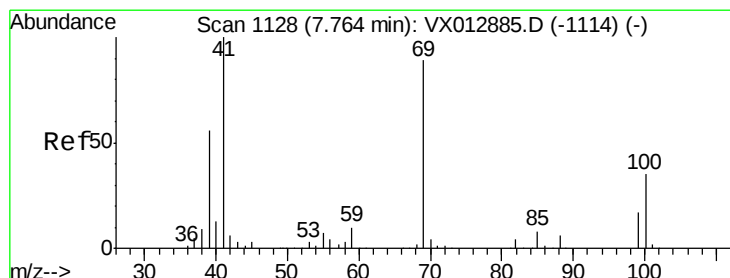
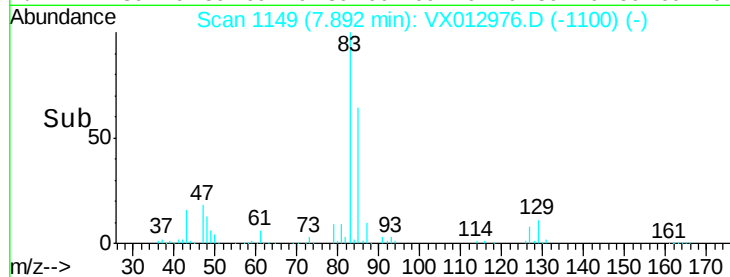
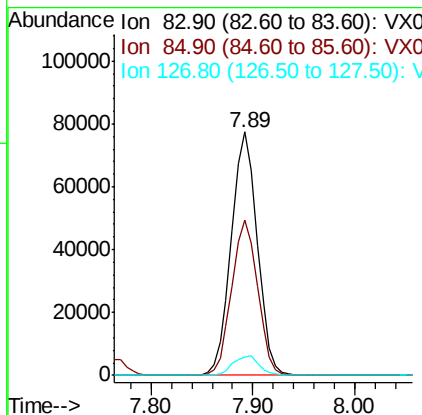
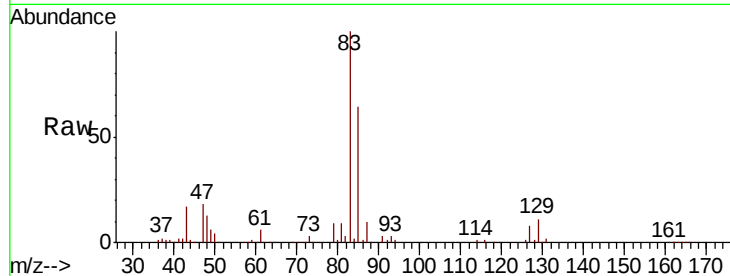
83 100

85 63.7 52.4 78.6

127 7.8 6.6 10.0

Manual Integrations
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10/10/2019 9:04:40 AM



#48

Methyl methacrylate

Concen: 54.169 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

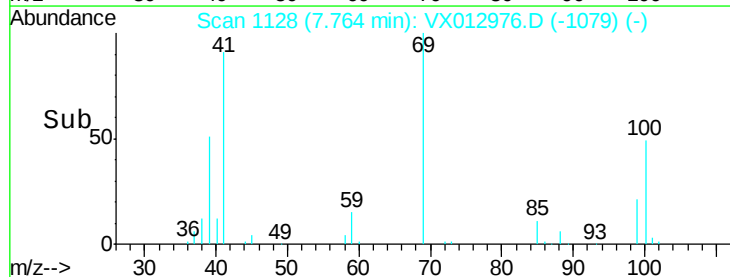
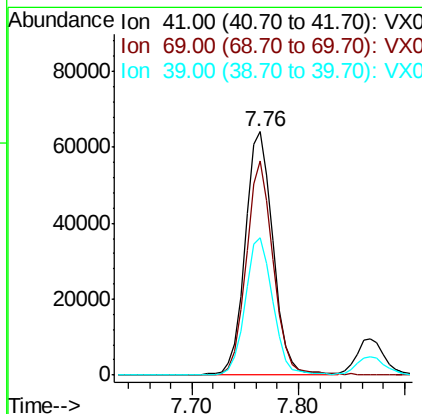
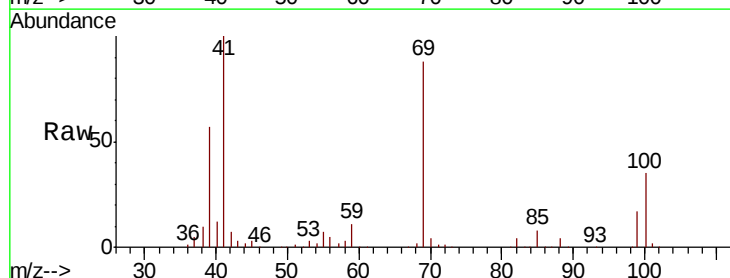
Tgt Ion: 41 Resp: 118042

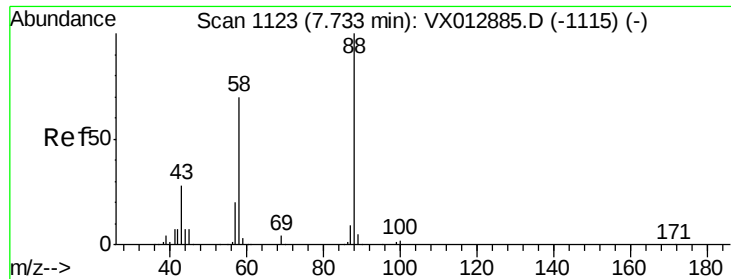
Ion Ratio Lower Upper

41 100

69 85.2 68.7 103.1

39 56.0 44.3 66.5





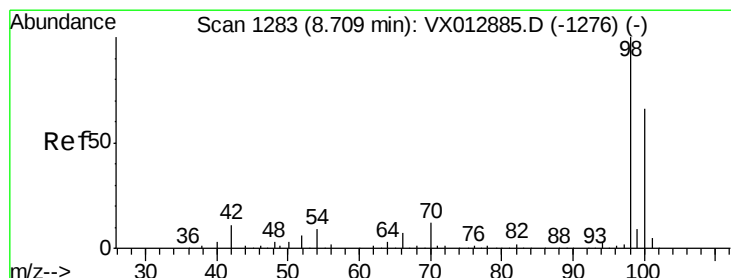
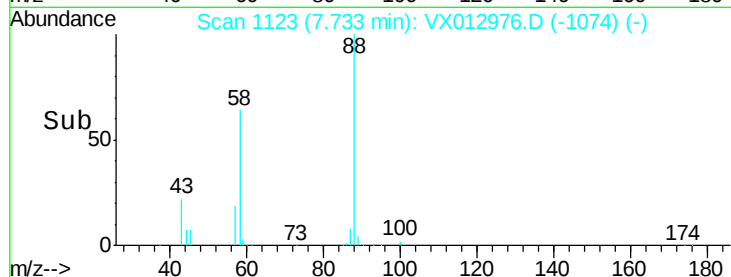
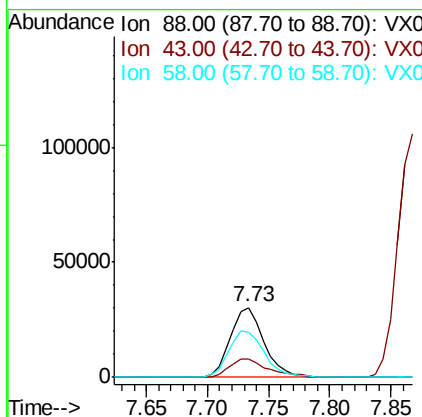
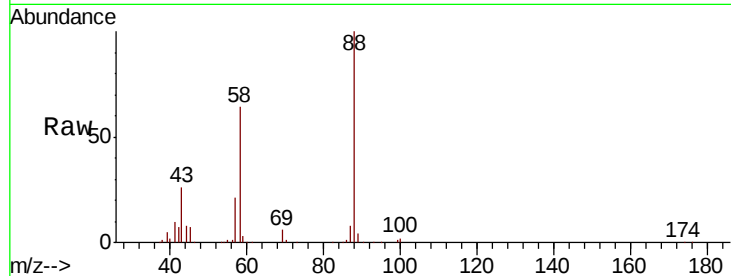
#49
1,4-Dioxane
Concen: 986.470 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.0	37.6
58	71.0	55.4	83.2

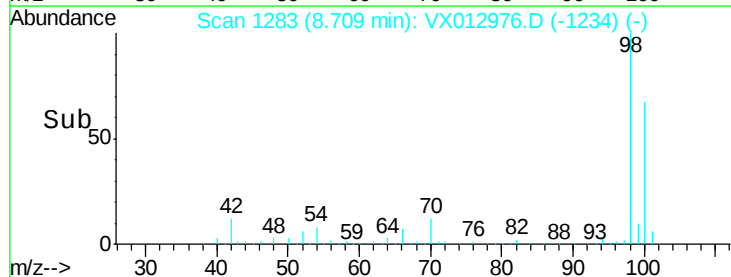
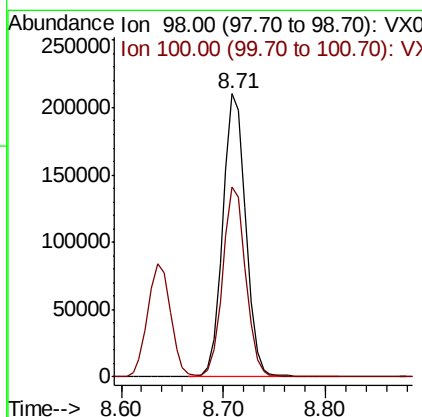
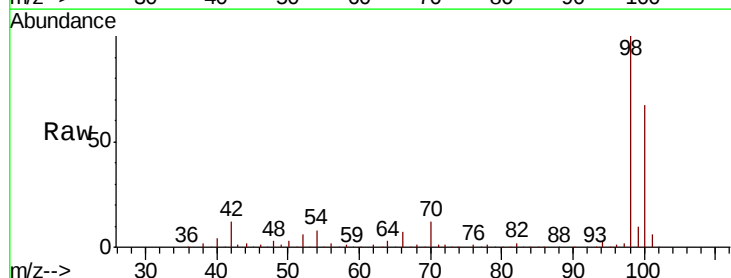
Manual Integrations
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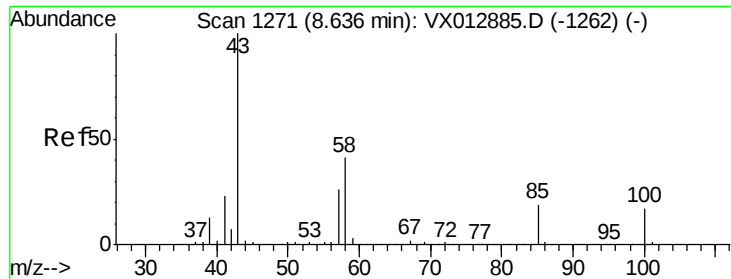
MMDadoda
10/10/2019 9:04:40 AM



#50
Toluene-d8
Concen: 51.685 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 269.970 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 43 Resp: 752694

Ion Ratio Lower Upper

43 100

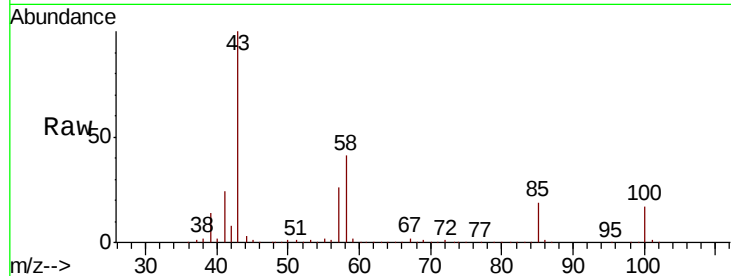
58 40.7 32.4 48.6

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

500000

400000

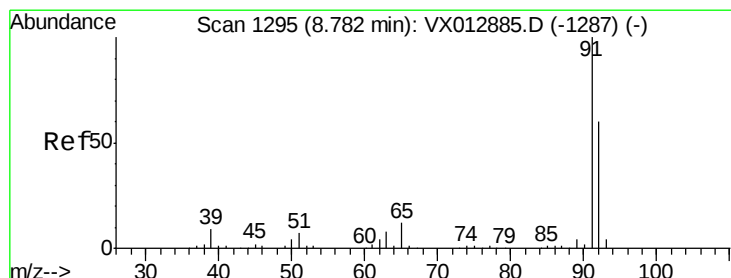
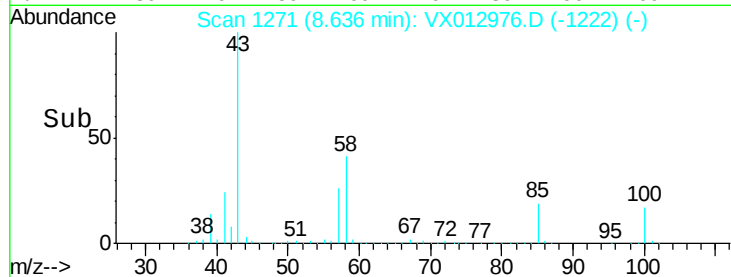
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 53.579 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012976.D

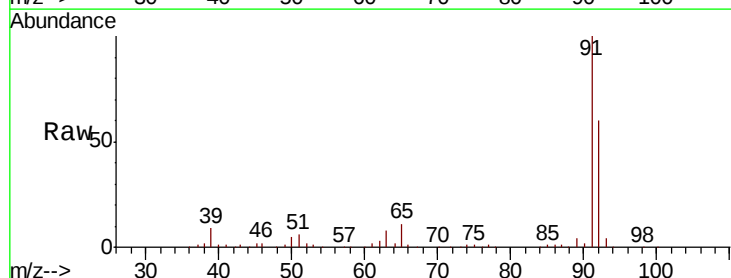
Acq: 10 Oct 2019 05:20

Tgt Ion: 92 Resp: 252251

Ion Ratio Lower Upper

92 100

91 169.0 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

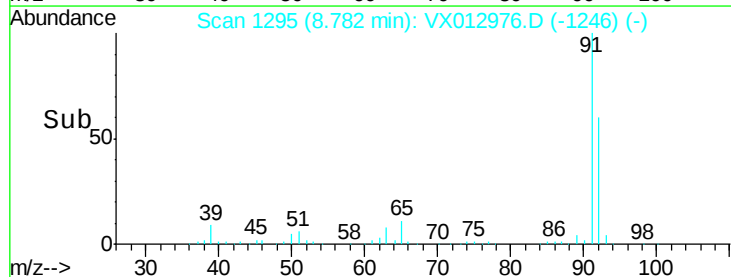
150000

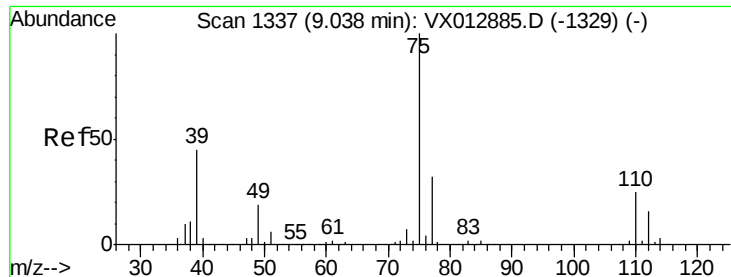
100000

50000

0

Time--> 8.70 8.75 8.80 8.85





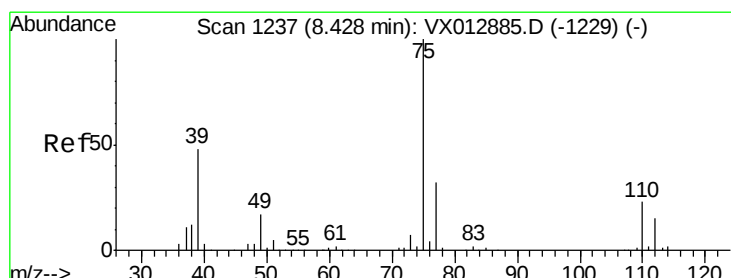
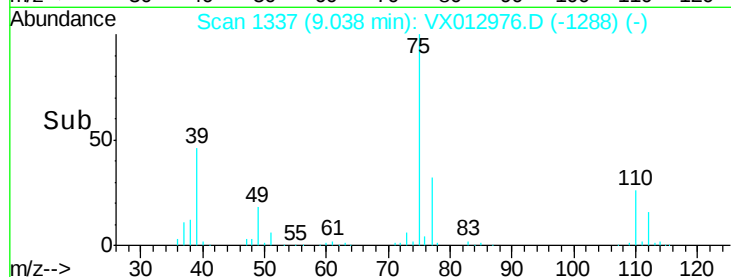
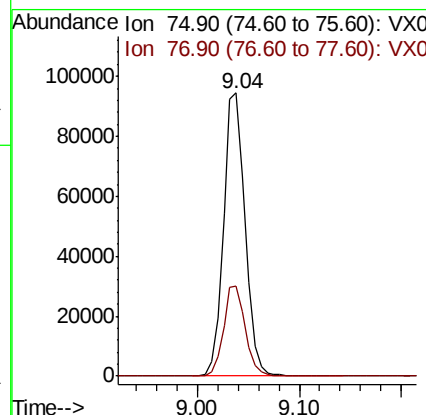
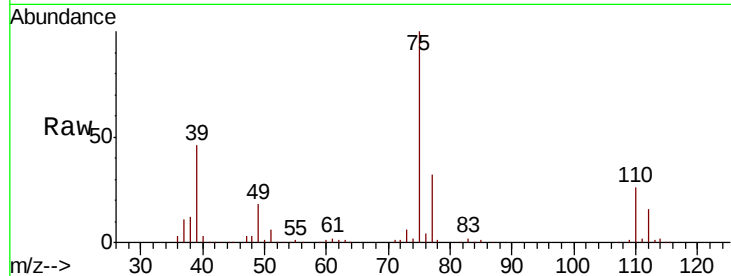
#53
 t-1,3-Dichloropropene
 Concen: 46.097 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion: 75 Resp: 139750
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6

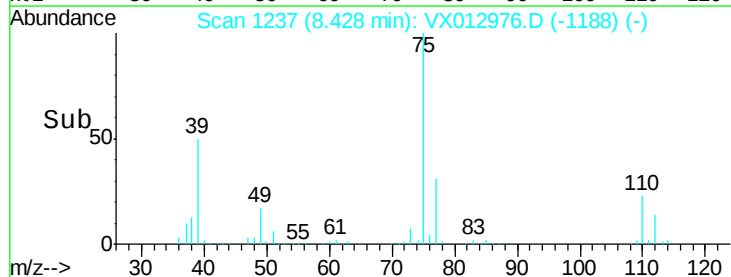
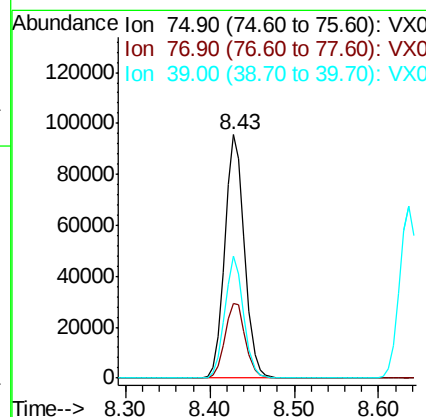
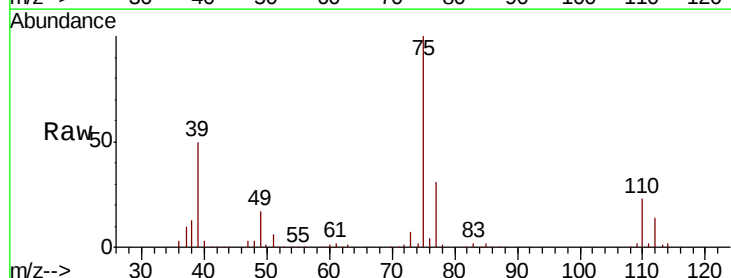
Manual Integrations
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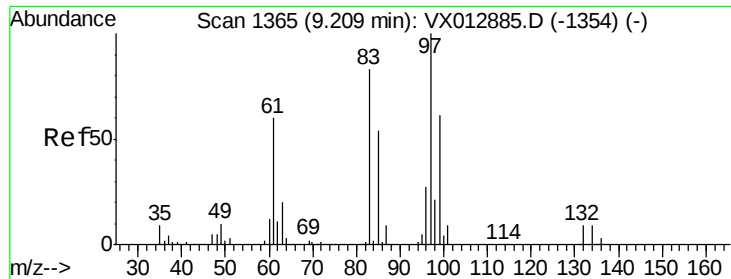
MMDadoda
 10/10/2019 9:04:40 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.055 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 75 Resp: 153129
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8
 39 50.1 38.2 57.2





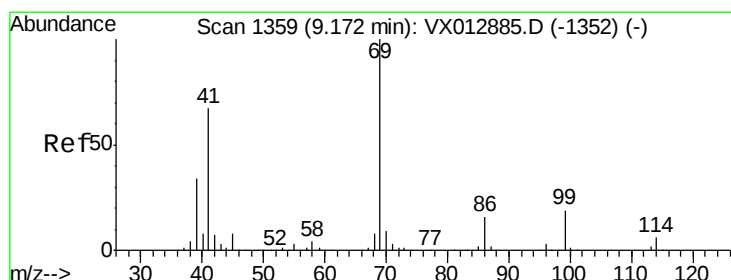
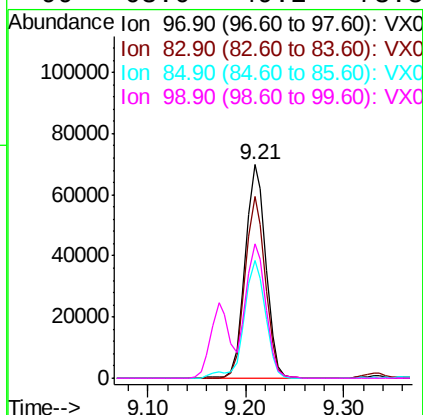
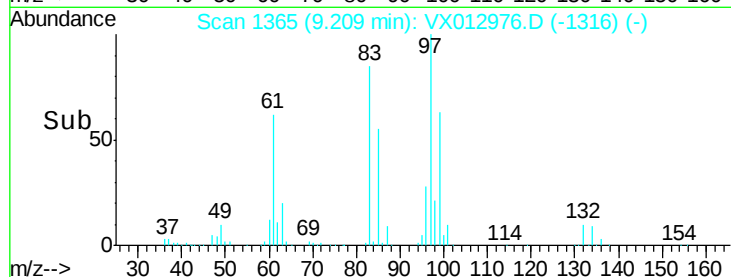
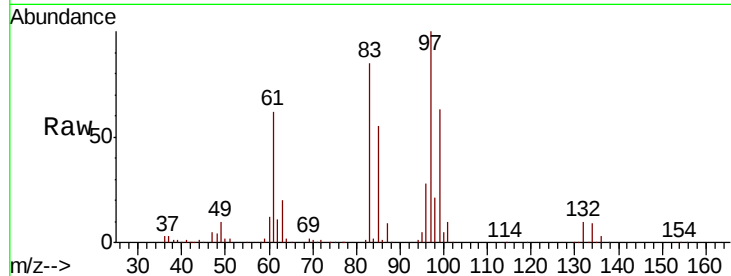
#55
 1,1,2-Trichloroethane
 Concen: 55.142 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		102739		
83	84.8	66.5	99.7		
85	55.1	43.1	64.7		
99	63.0	49.2	73.8		

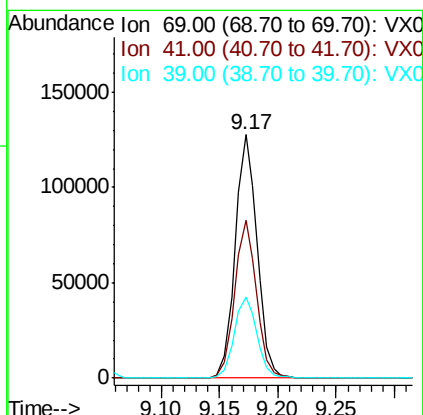
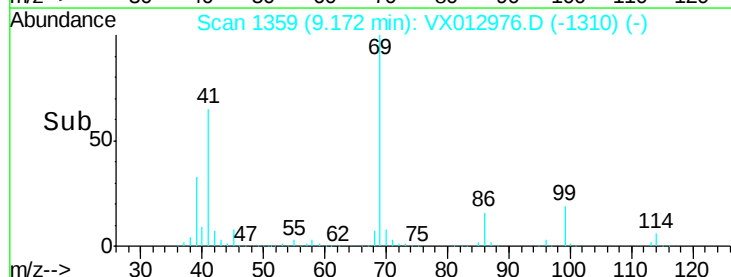
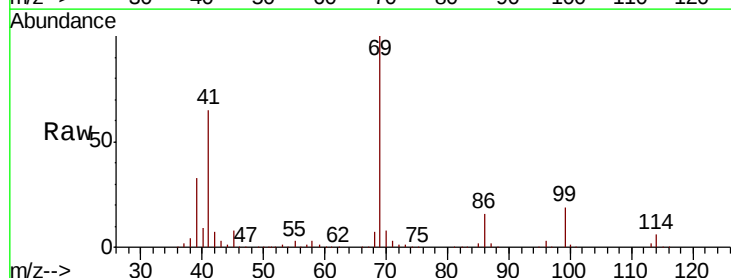
Manual Integrations
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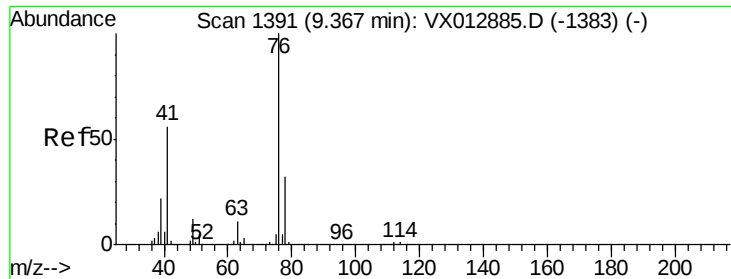
MMDadoda
 10/10/2019 9:04:40 AM



#56
 Ethyl methacrylate
 Concen: 50.585 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		168844		
41	64.0	52.1	78.1		
39	34.1	27.8	41.8		





#57

1,3-Dichloropropane

Concen: 54.134 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 76 Resp: 174468

Ion Ratio Lower Upper

76 100

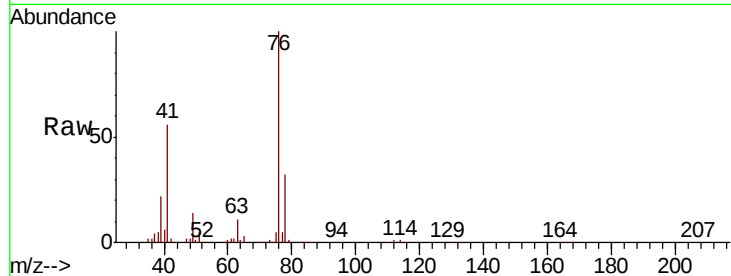
78 32.6 26.1 39.1

Manual Integrations

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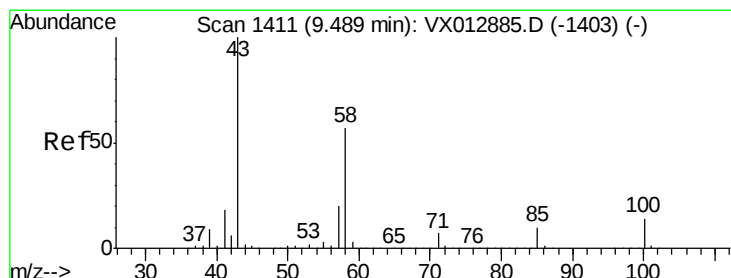
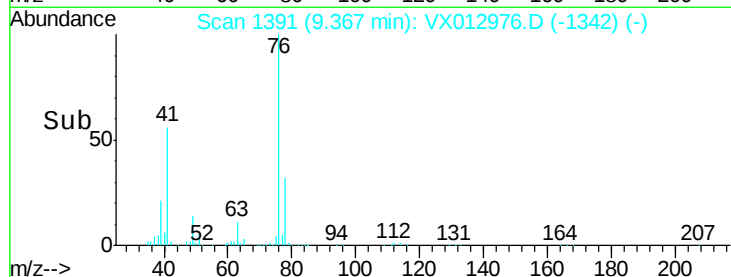
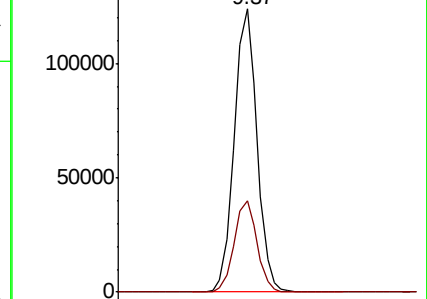
MMDadoda

10/10/2019 9:04:40 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 266.367 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX012976.D

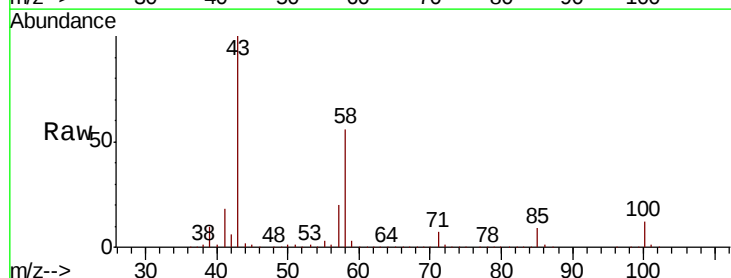
Acq: 10 Oct 2019 05:20

Tgt Ion: 43 Resp: 578106

Ion Ratio Lower Upper

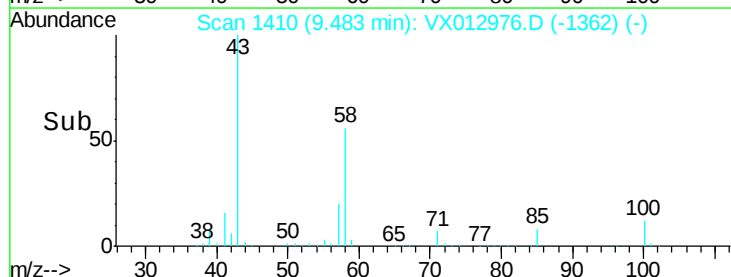
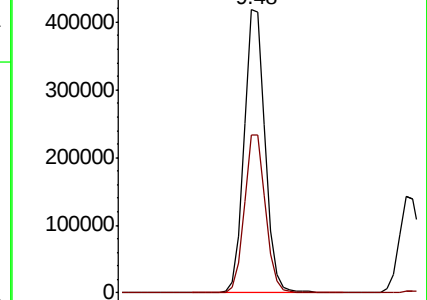
43 100

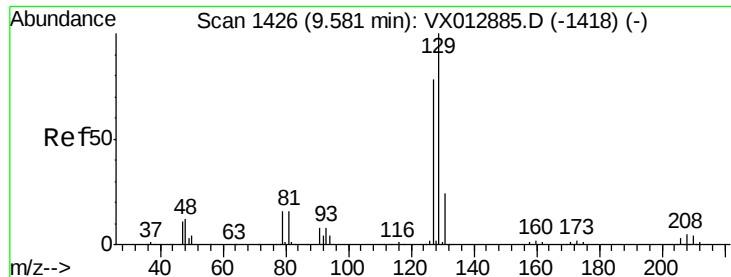
58 56.3 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 50.183 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion:129 Resp: 104063

Ion Ratio Lower Upper

129 100

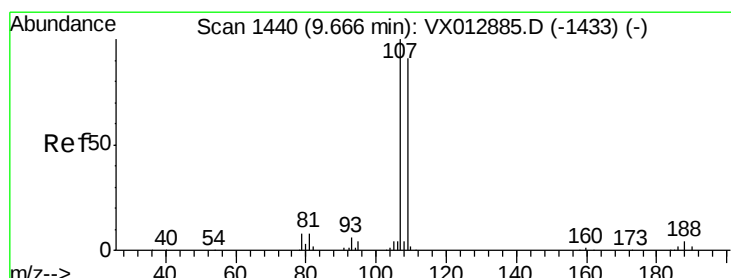
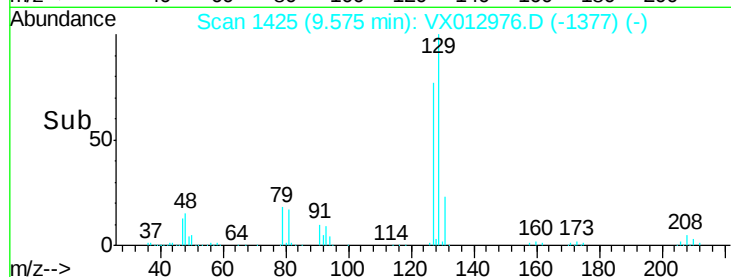
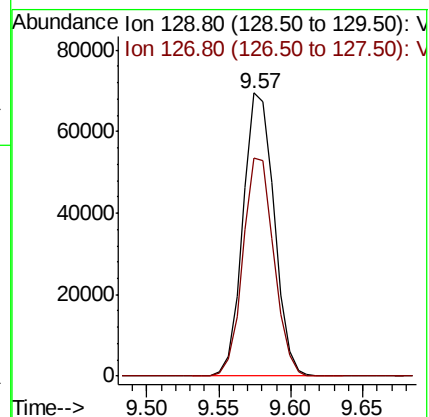
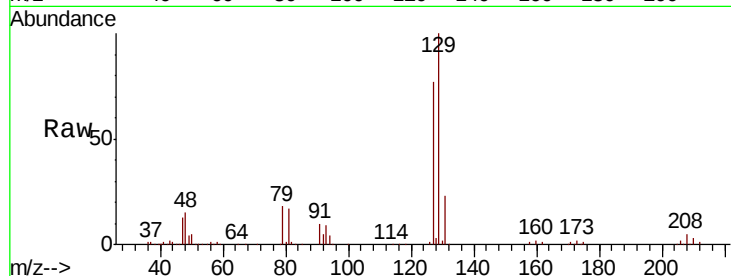
127 76.4 38.9 116.7

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 54.641 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012976.D

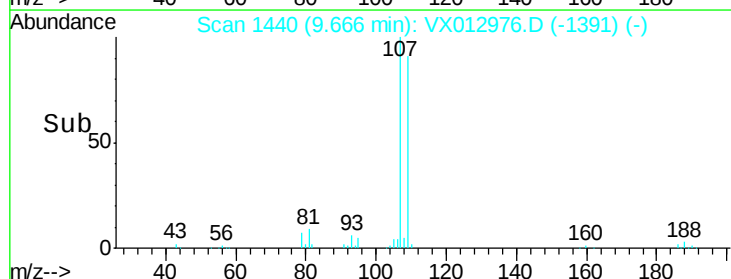
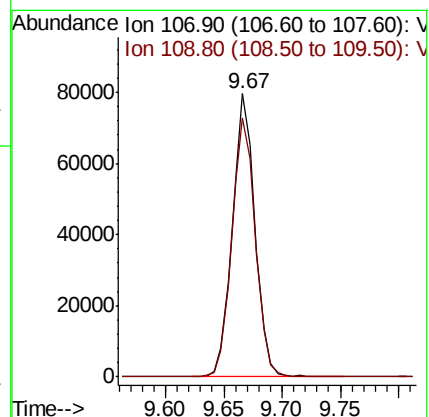
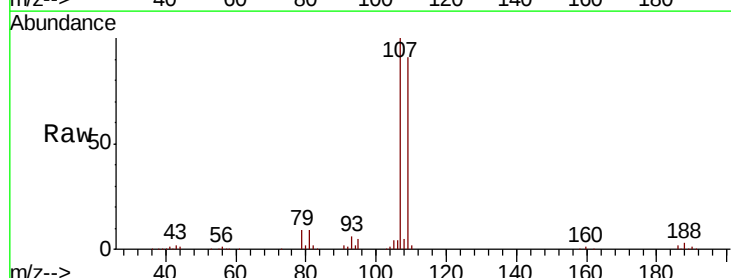
Acq: 10 Oct 2019 05:20

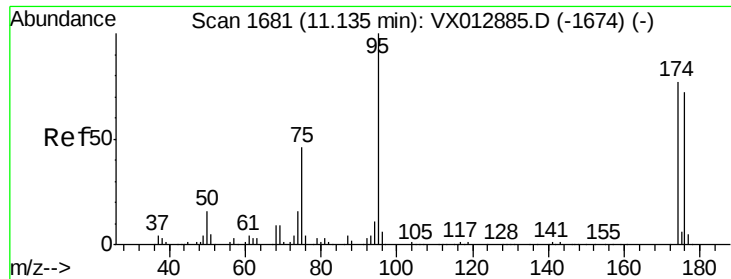
Tgt Ion:107 Resp: 107093

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 51.104 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 95 Resp: 125969

Ion Ratio Lower Upper

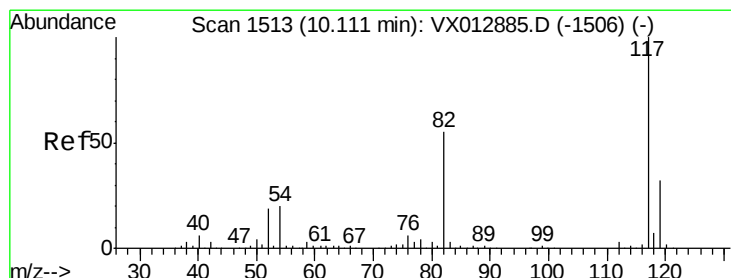
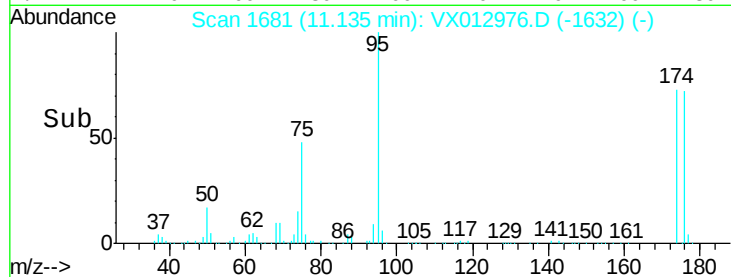
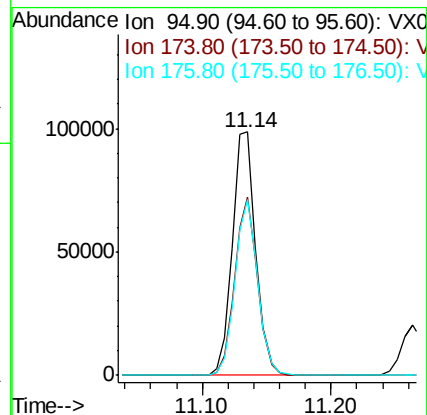
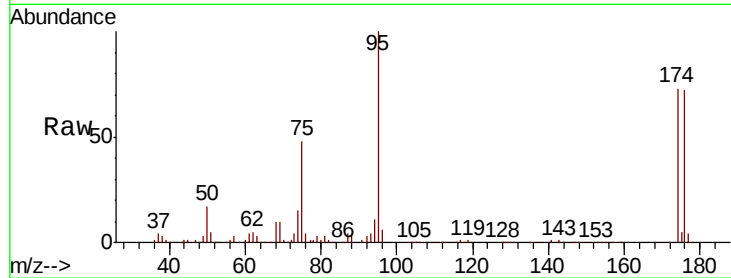
95 100

174 70.6 0.0 143.4

176 69.5 0.0 136.0

Manual Integrations
APPROVED

MMDadoda
10/10/2019 9:04:40 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

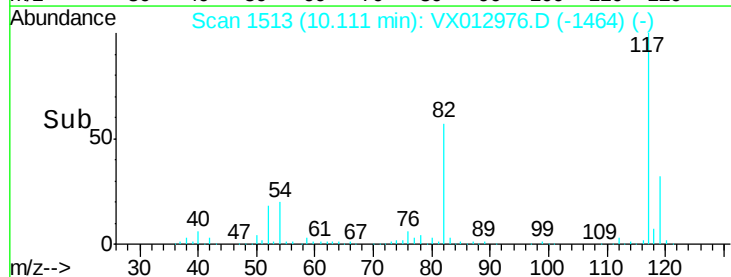
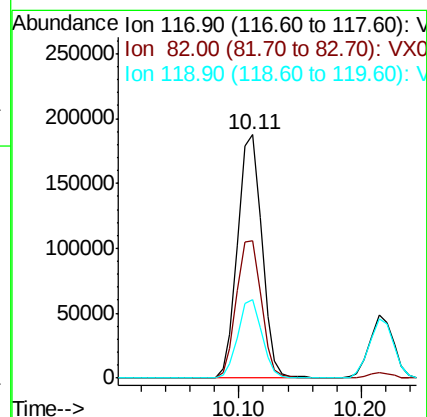
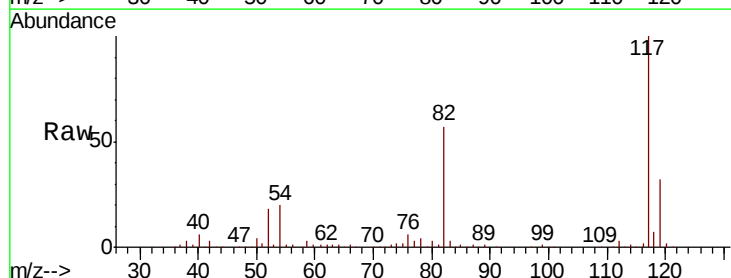
Tgt Ion: 117 Resp: 257487

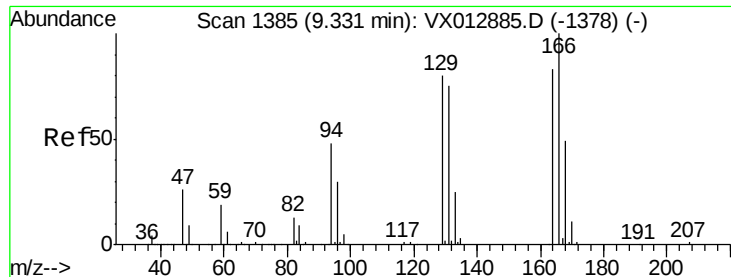
Ion Ratio Lower Upper

117 100

82 56.5 44.1 66.1

119 32.1 25.8 38.8





#64

Tetrachloroethene

Concen: 58.238 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion:164 Resp: 104008

Ion Ratio Lower Upper

164 100

166 129.7 96.9 145.3

129 102.8 77.9 116.9

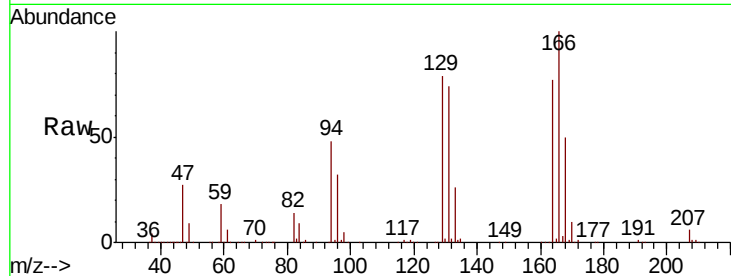
131 95.5 72.7 109.1

Manual Integrations

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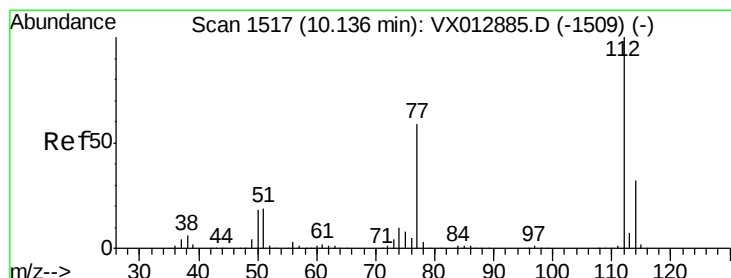
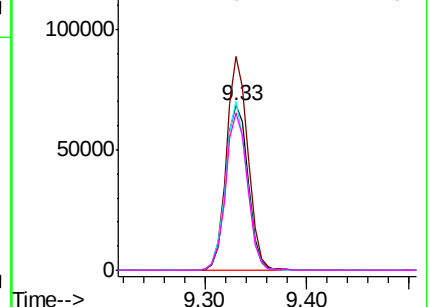
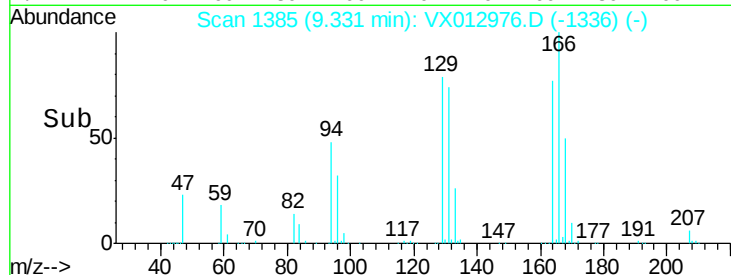


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 51.784 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012976.D

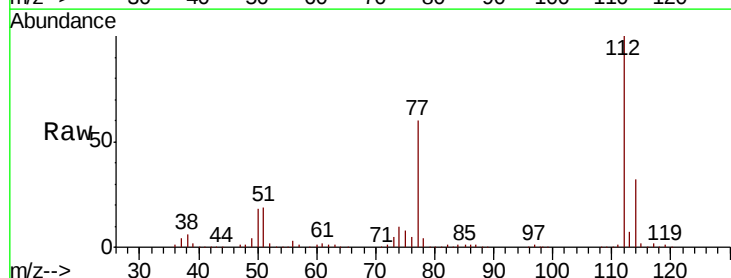
Acq: 10 Oct 2019 05:20

Tgt Ion:112 Resp: 264788

Ion Ratio Lower Upper

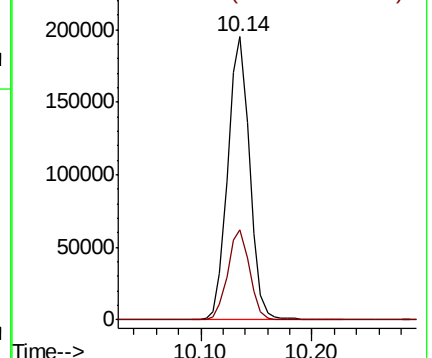
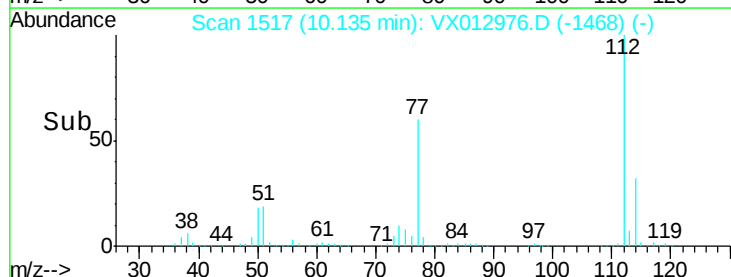
112 100

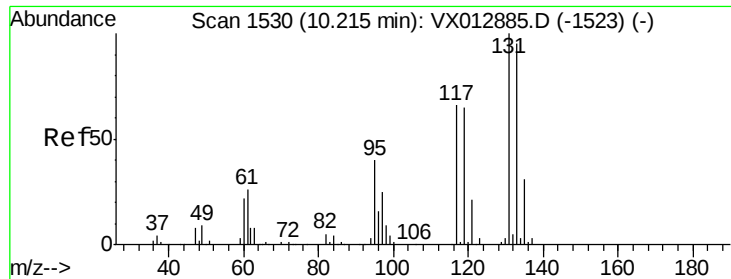
114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





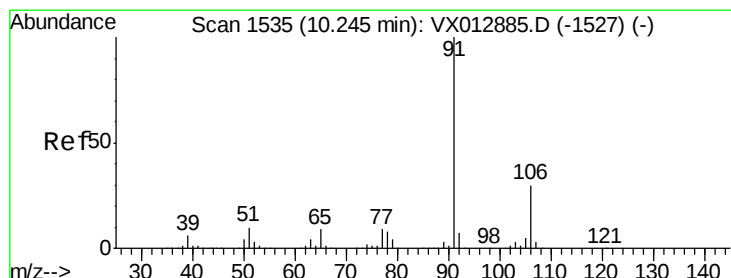
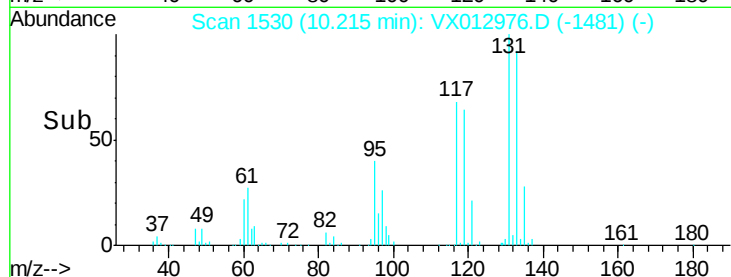
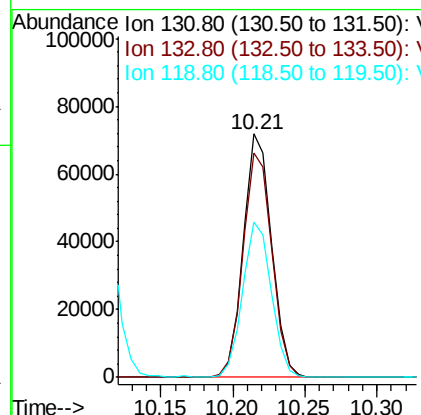
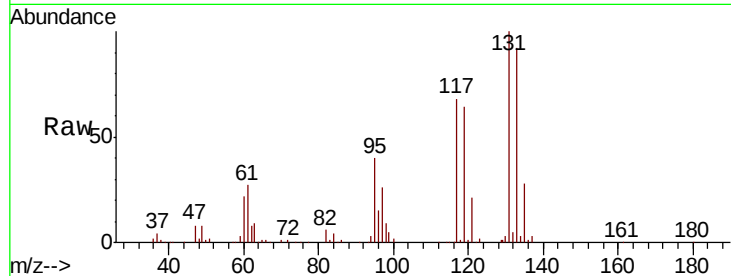
#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.096 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.2	141.6
119	64.8	32.6	98.0

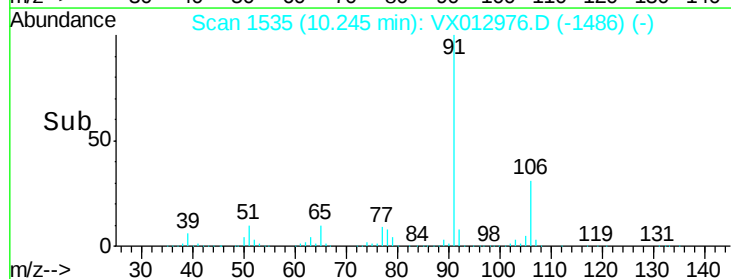
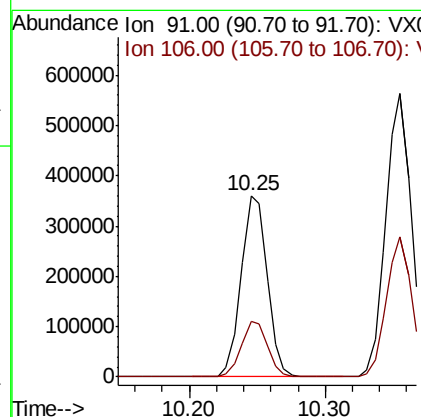
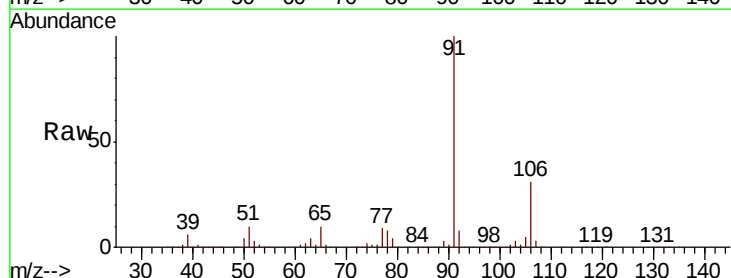
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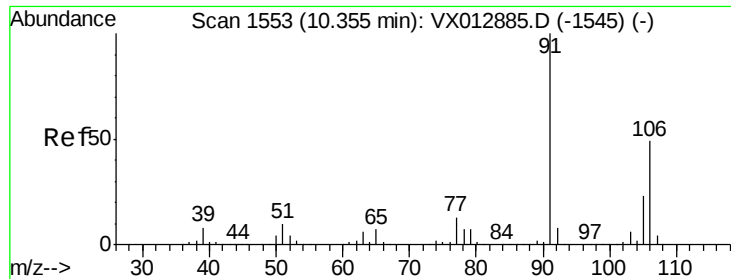
MMDadoda
 10/10/2019 9:04:40 AM



#67
 Ethyl Benzene
 Concen: 53.009 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	23.9	35.9





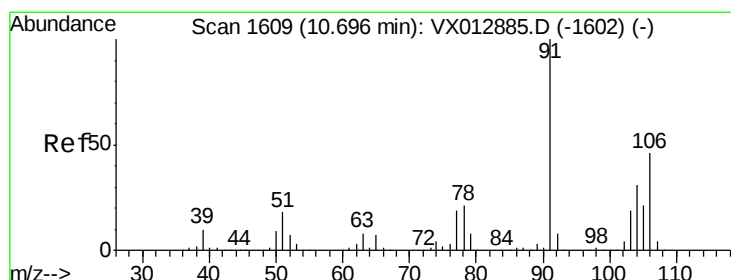
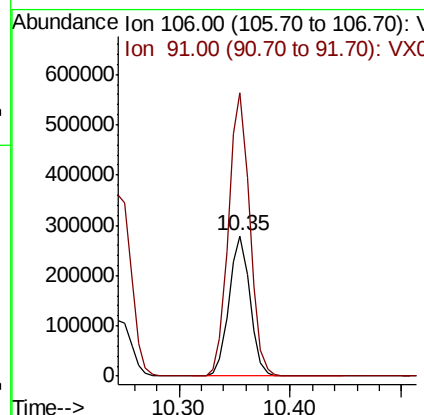
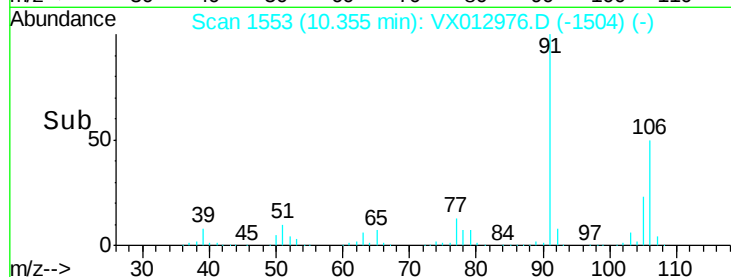
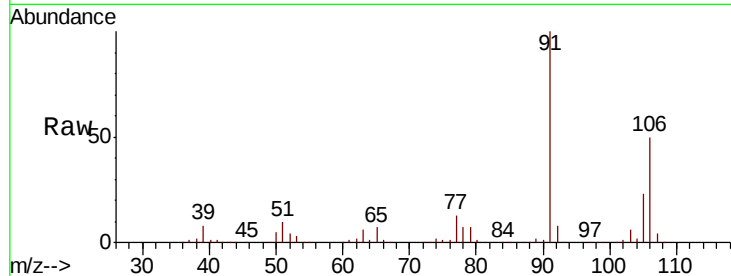
#68
m/p-Xvlenes
Concen: 106.940 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion:106 Resp: 362859
Ion Ratio Lower Upper
106 100
91 205.1 165.3 247.9

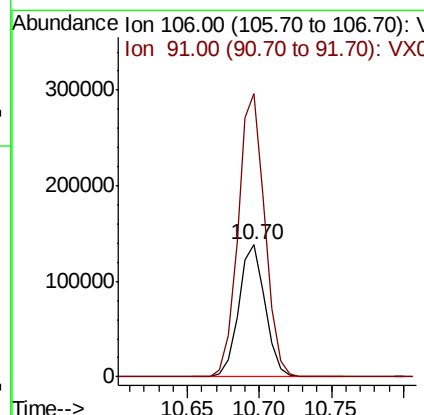
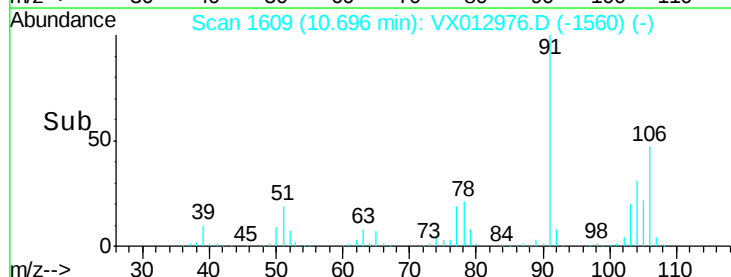
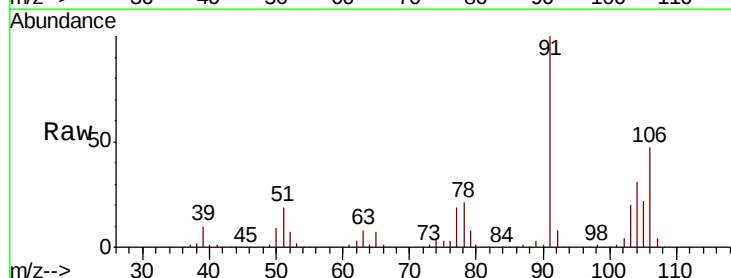
Manual Integrations
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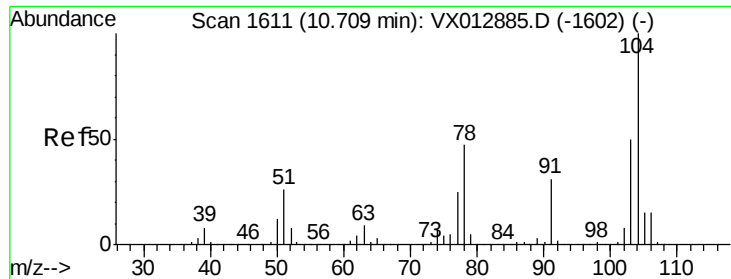
MMDadoda
10/10/2019 9:04:40 AM



#69
o-Xylene
Concen: 53.117 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion:106 Resp: 175757
Ion Ratio Lower Upper
106 100
91 217.6 109.1 327.3





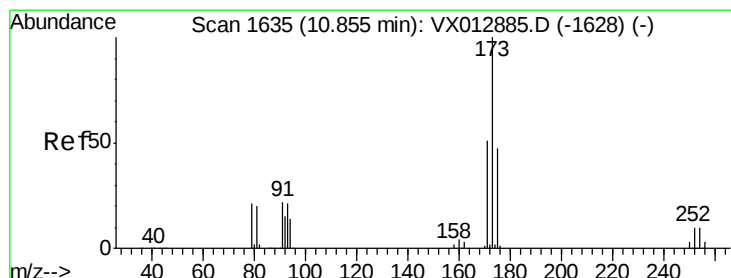
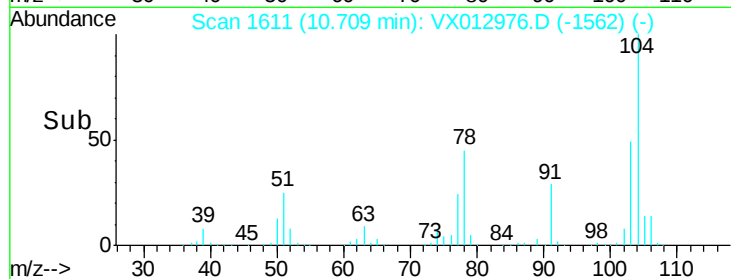
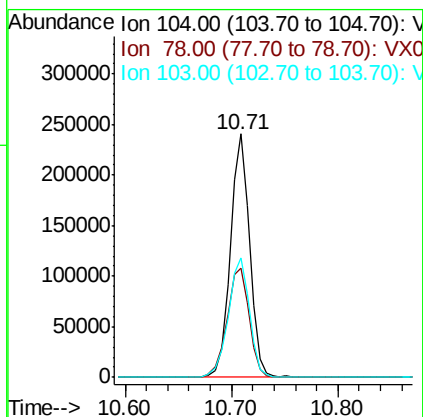
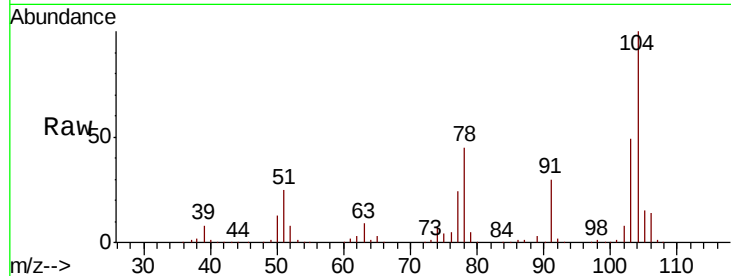
#70
Stvrene
Concen: 54.309 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.2	61.8
103	53.9	43.0	64.4

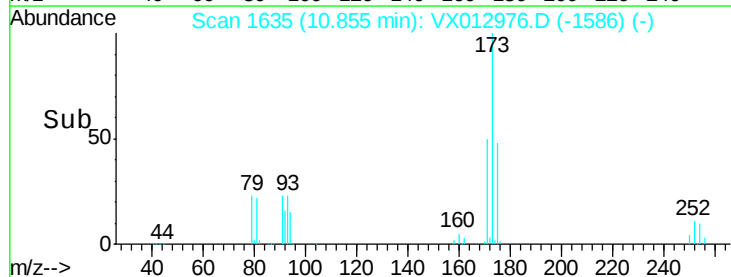
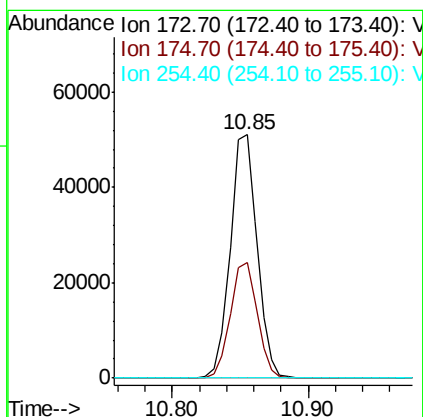
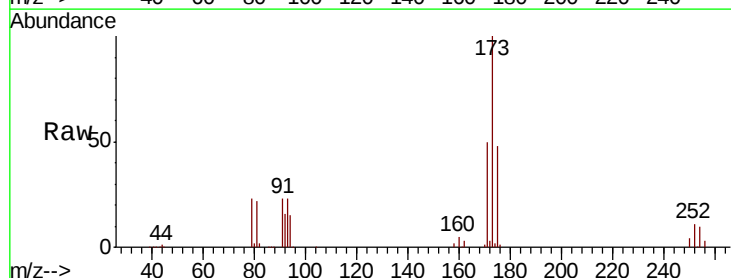
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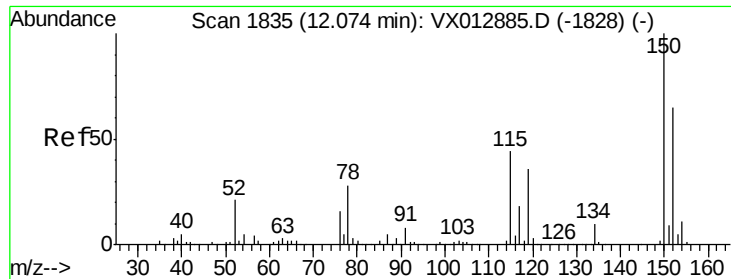
MMDadoda
10/10/2019 9:04:40 AM



#71
Bromoform
Concen: 46.506 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.3
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion:152 Resp: 118040

Ion Ratio Lower Upper

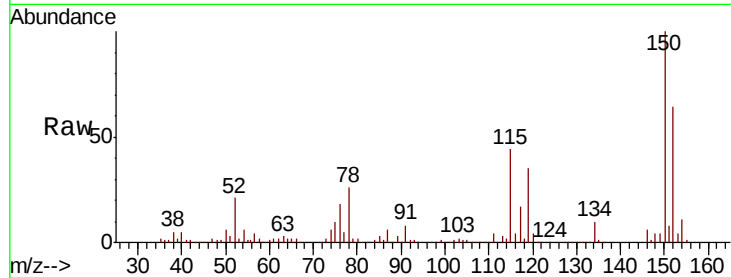
152 100

115 88.9 44.5 133.5

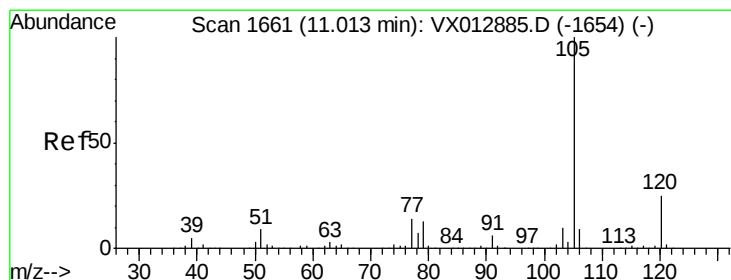
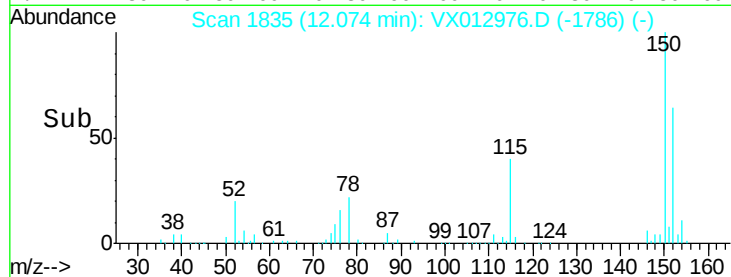
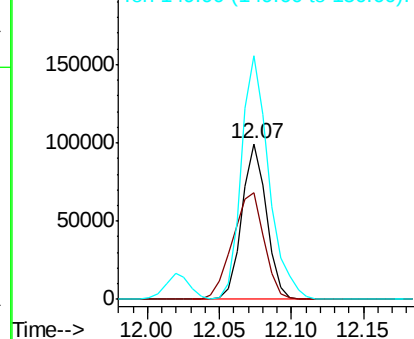
150 175.3 0.0 353.4

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 53.812 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012976.D

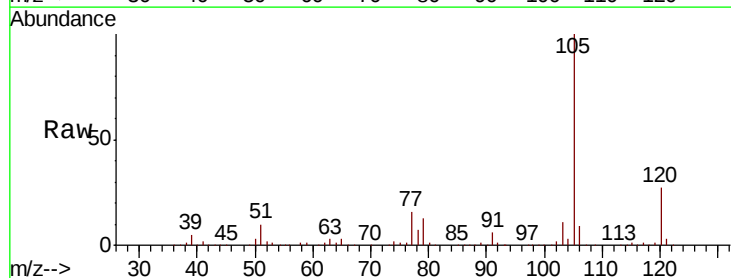
Acq: 10 Oct 2019 05:20

Tgt Ion:105 Resp: 467013

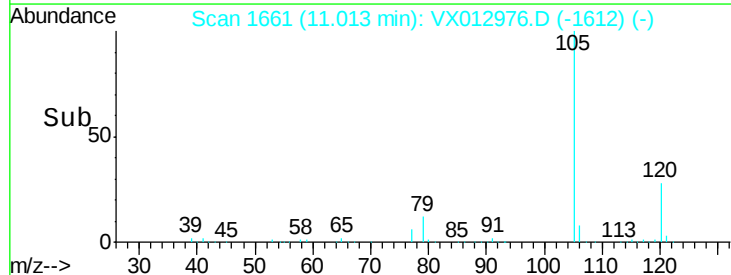
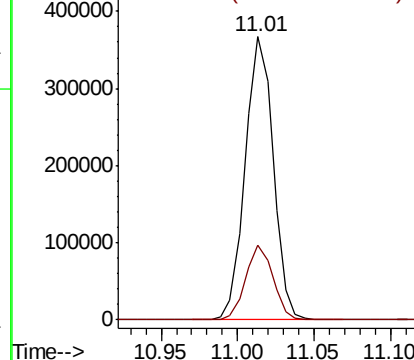
Ion Ratio Lower Upper

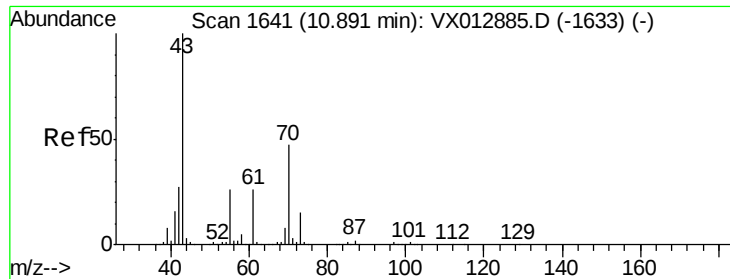
105 100

120 25.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.170 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

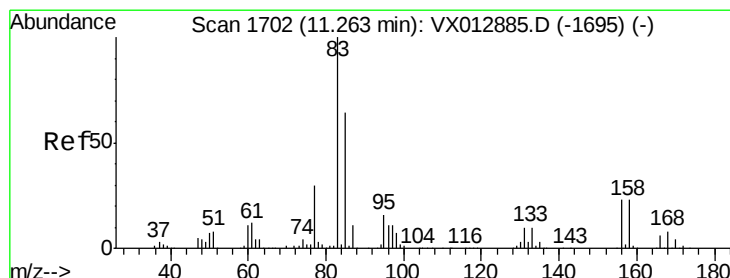
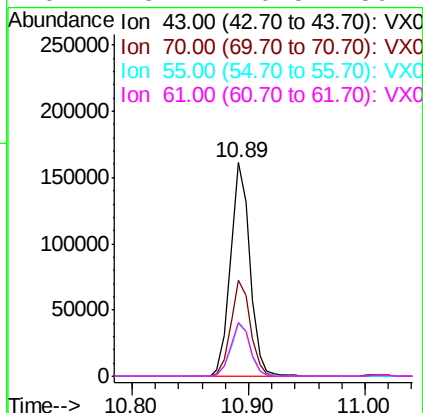
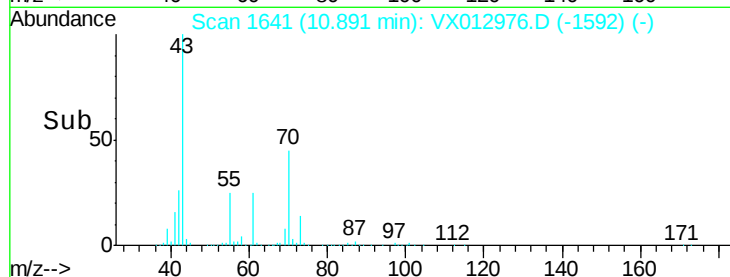
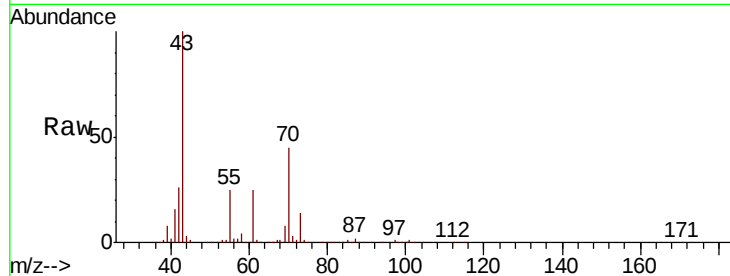
ClientSampleId :

FA19-JMW1963MS

Tot Ion	43	Resp	187516
Ion Ratio	Lower	Upper	
43	100		
70	45.5	36.4	54.6
55	25.1	20.2	30.2
61	25.4	20.5	30.7

Manual Integrations
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10/10/2019 9:04:40 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 54.728 ug/l

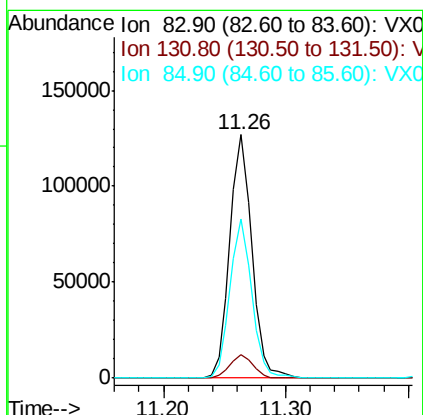
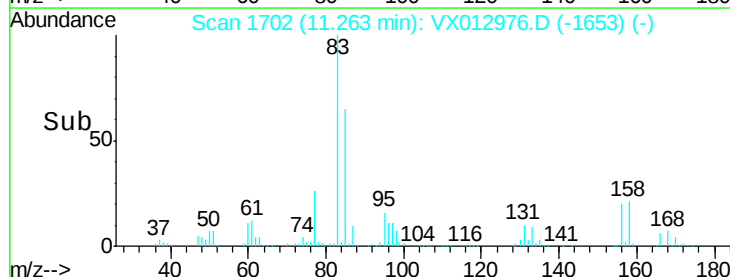
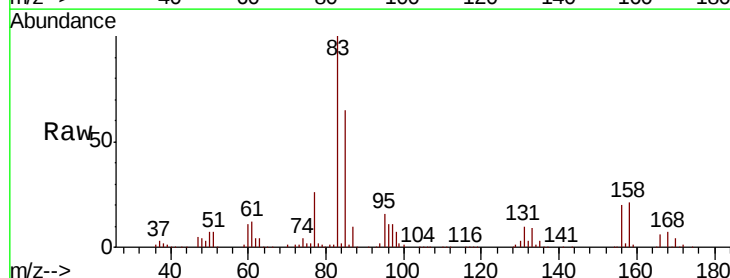
RT: 11.26 min Scan# 1702

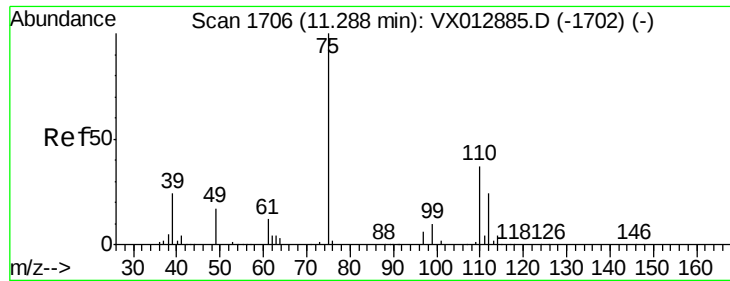
Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Tgt Ion	83	Resp	157970
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	64.8	32.1	96.5





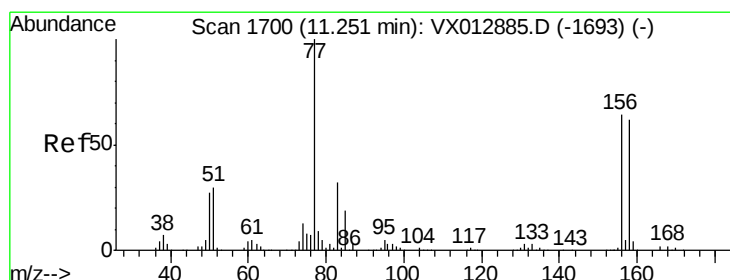
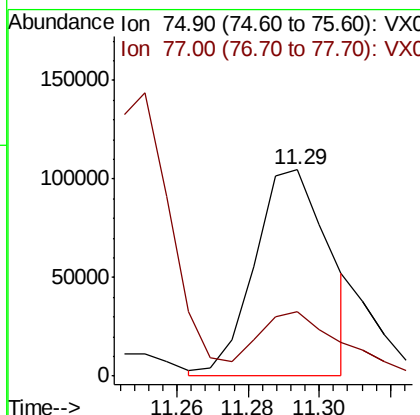
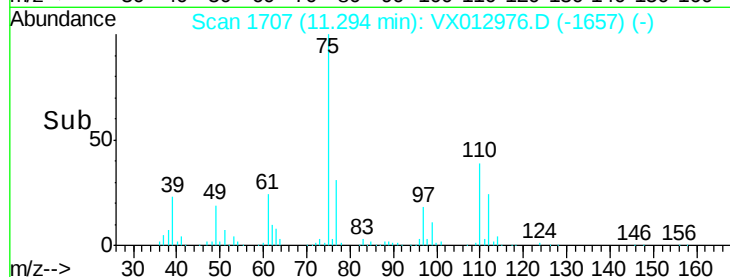
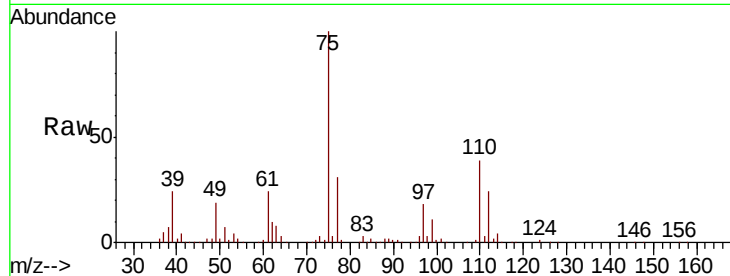
#76
 1,2,3-Trichloropropane
 Concen: 57.657 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion: 75 Resp: 150952
 Ion Ratio Lower Upper
 75 100
 77 35.3 22.9 68.8

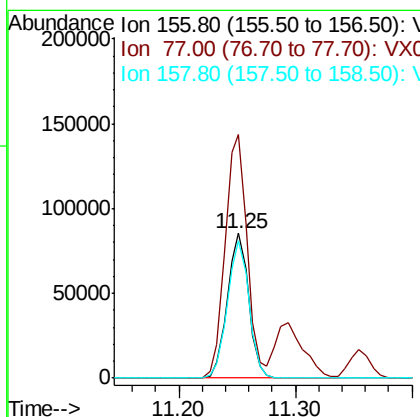
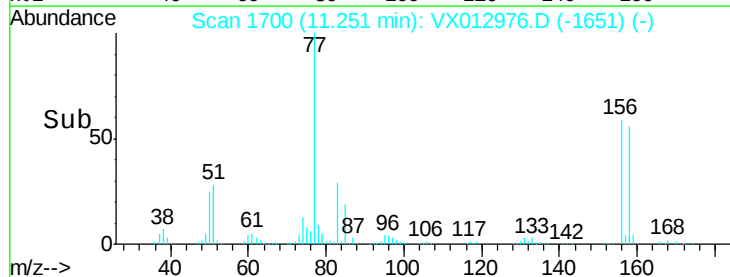
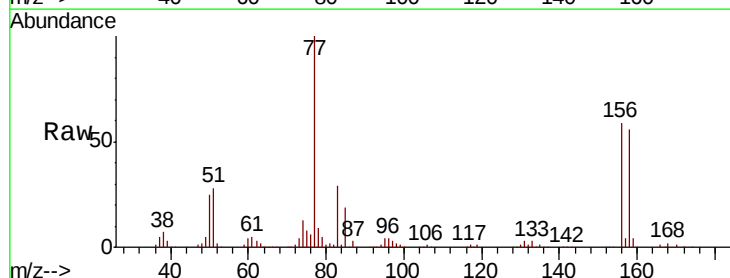
Manual Integrations
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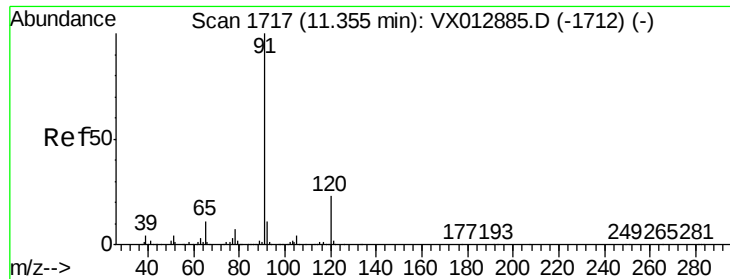
MMDadoda
 10/10/2019 9:04:40 AM



#77
 Bromobenzene
 Concen: 53.082 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 156 Resp: 108556
 Ion Ratio Lower Upper
 156 100
 77 173.2 83.7 251.0
 158 95.9 48.6 145.9





#78

n-propylbenzene

Concen: 54.460 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1963MS

Tot Ion: 91 Resp: 520072

Ion Ratio Lower Upper

91 100

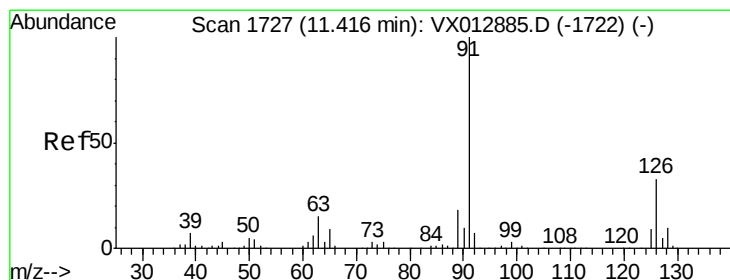
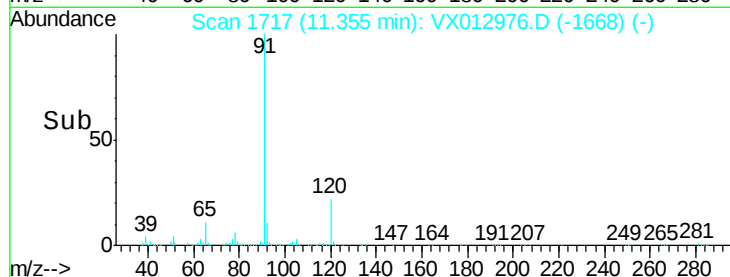
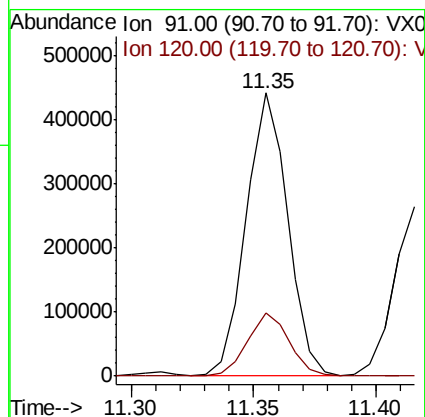
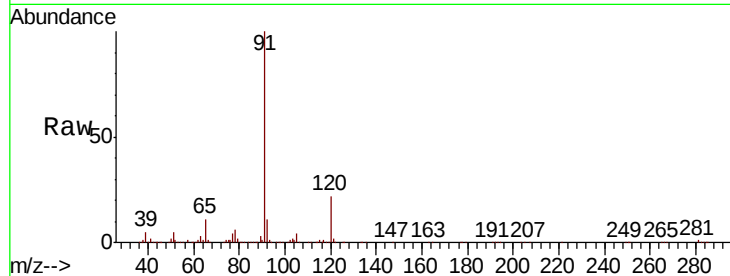
120 22.6 11.7 35.1

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#79

2-Chlorotoluene

Concen: 53.106 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012976.D

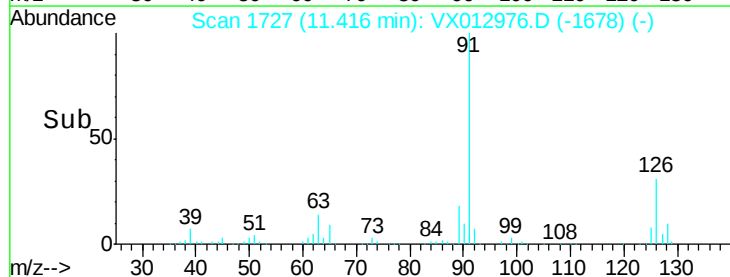
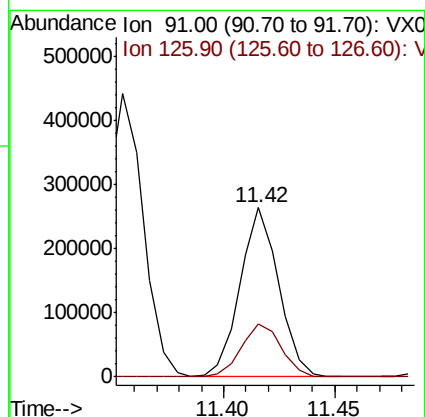
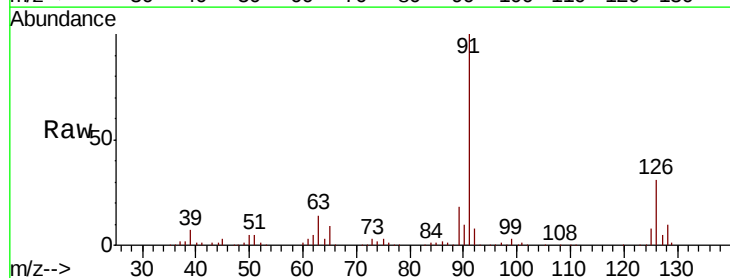
Acq: 10 Oct 2019 05:20

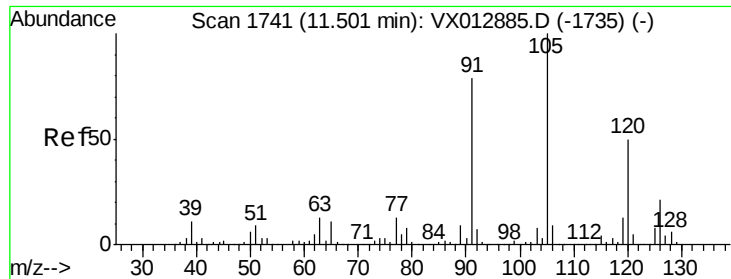
Tgt Ion: 91 Resp: 318720

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8





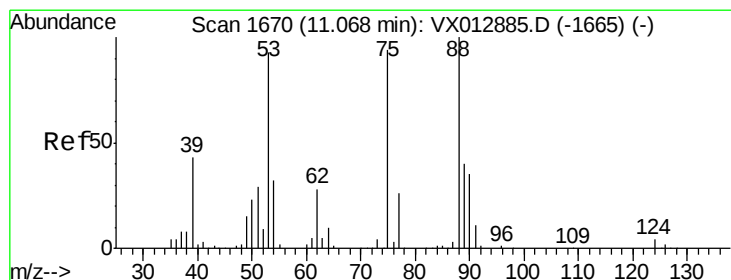
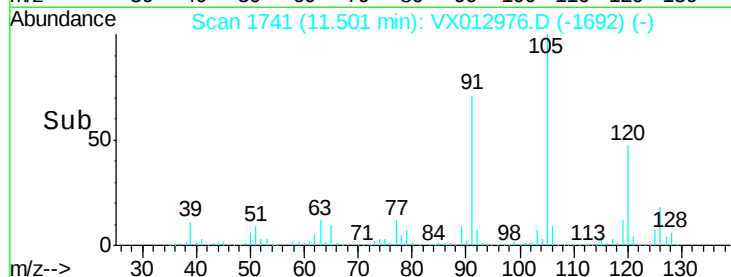
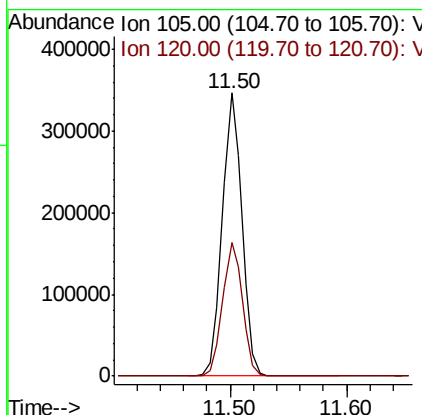
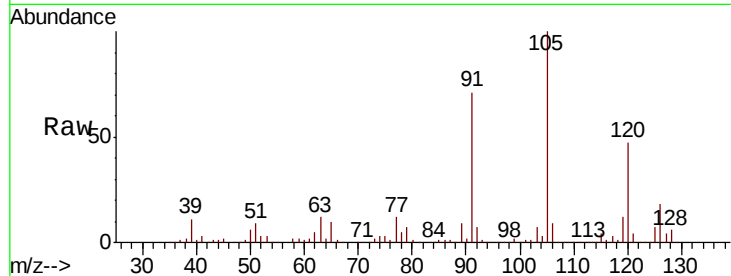
#80
 1,3,5-Trimethylbenzene
 Concen: 55.592 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion:105 Resp: 402849
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.8 74.3

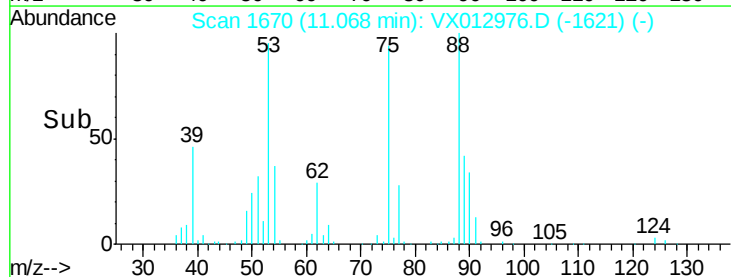
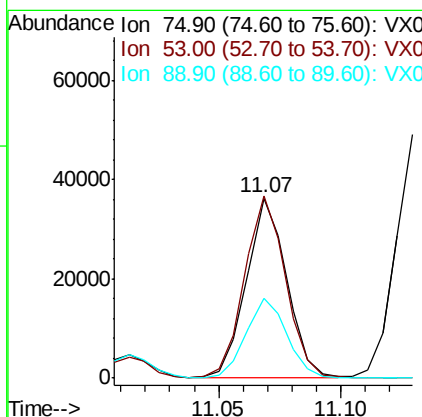
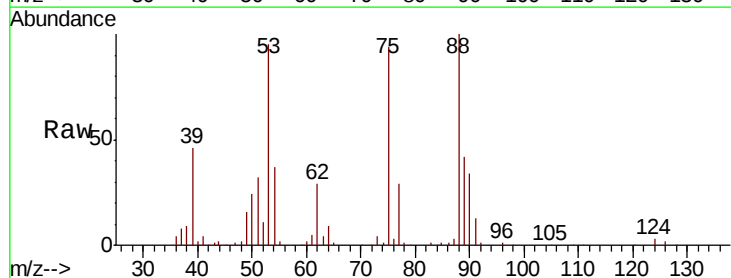
Manual Integrations
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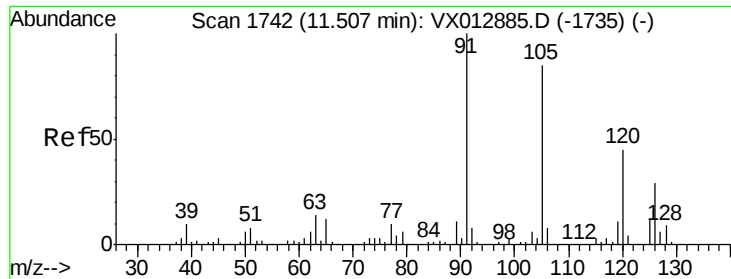
MMDadoda
 10/10/2019 9:04:40 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.583 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 75 Resp: 41575
 Ion Ratio Lower Upper
 75 100
 53 103.6 78.5 117.7
 89 45.5 37.4 56.2





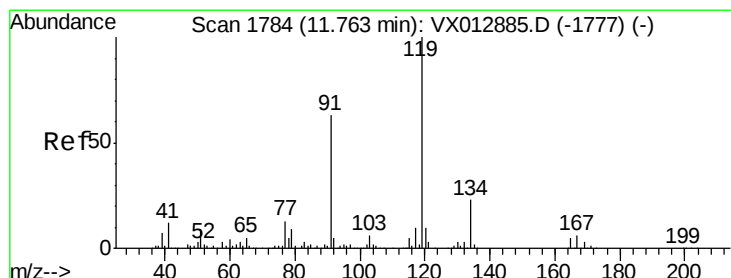
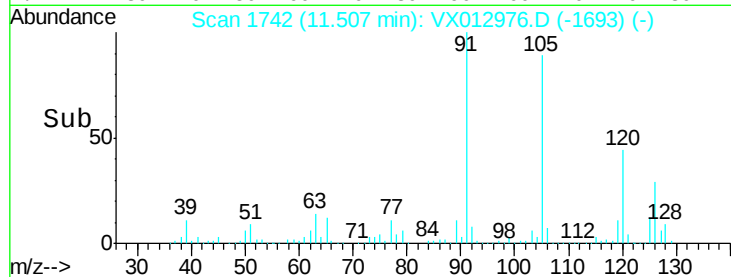
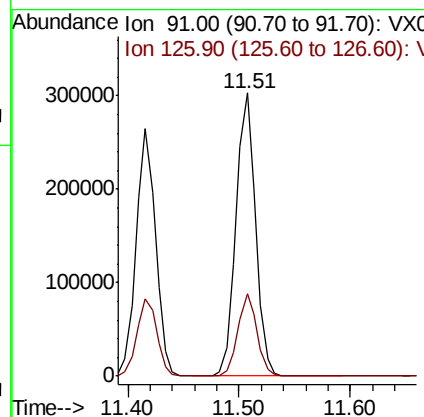
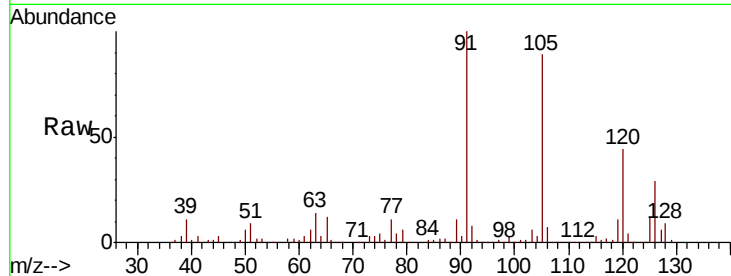
#82
 4-Chlorotoluene
 Concen: 53.450 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion: 91 Resp: 367684
 Ion Ratio Lower Upper
 91 100
 126 28.5 14.2 42.6

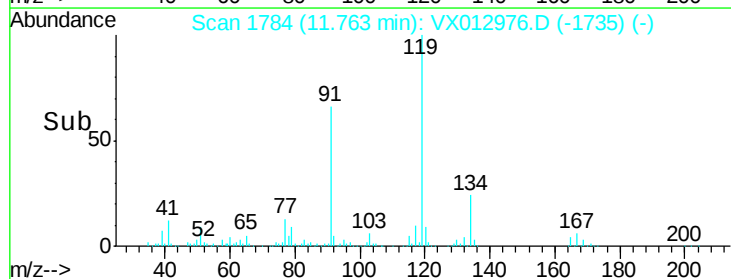
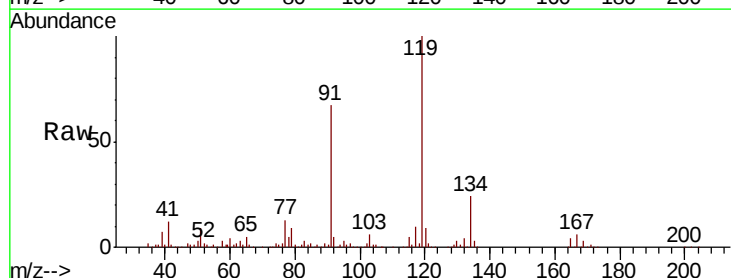
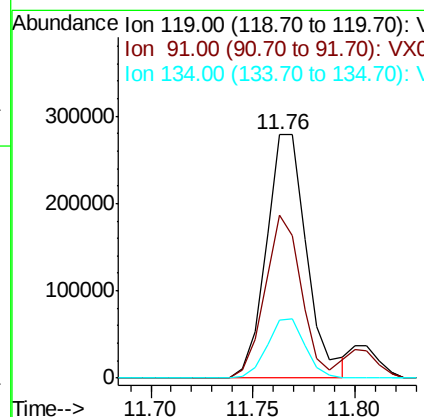
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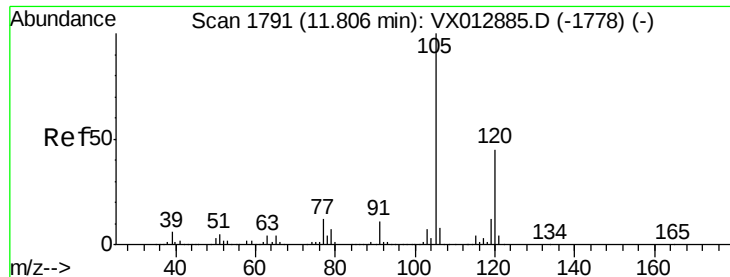
MMDadoda
 10/10/2019 9:04:40 AM



#83
 tert-Butylbenzene
 Concen: 54.396 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion: 119 Resp: 384524
 Ion Ratio Lower Upper
 119 100
 91 60.2 29.3 87.9
 134 22.9 11.5 34.4





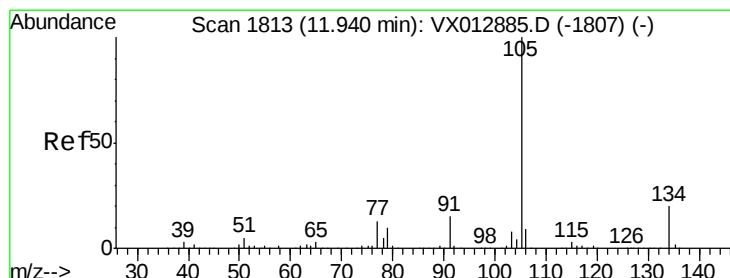
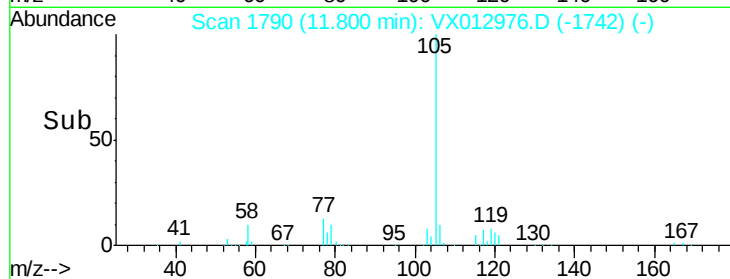
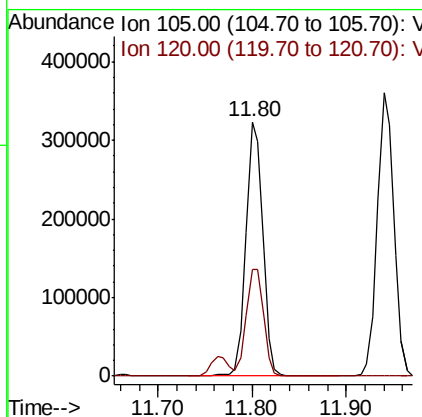
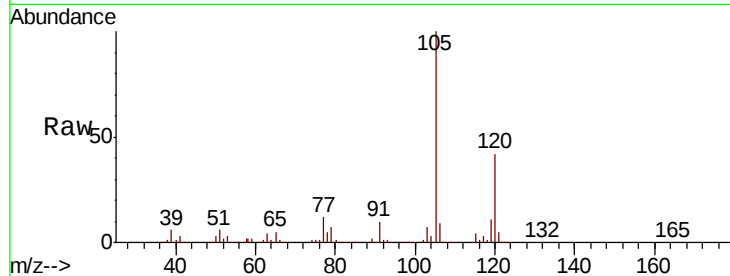
#84
 1,2,4-Trimethylbenzene
 Concen: 54.846 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.8	65.3

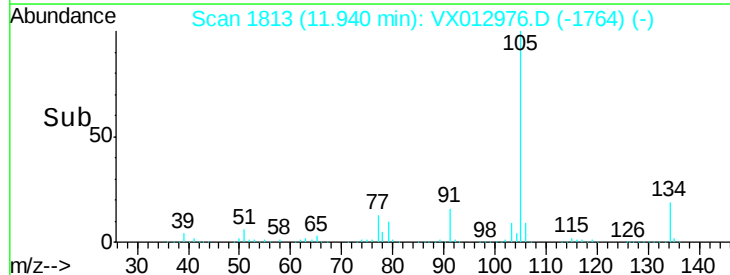
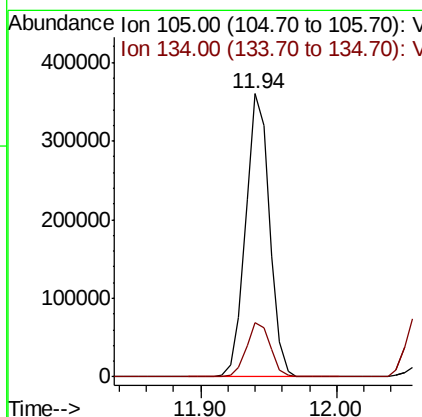
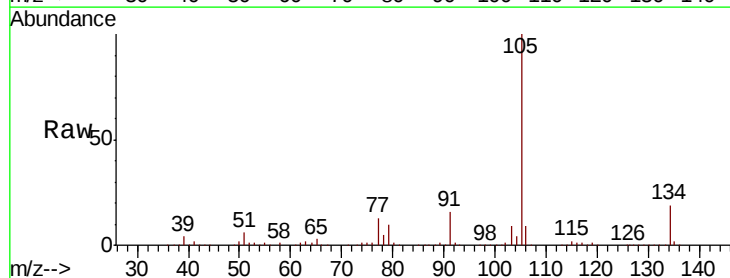
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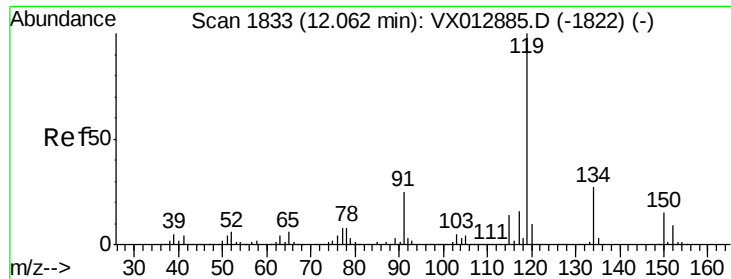
MMDadoda
 10/10/2019 9:04:40 AM



#85
 sec-Butylbenzene
 Concen: 53.841 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.0	30.0





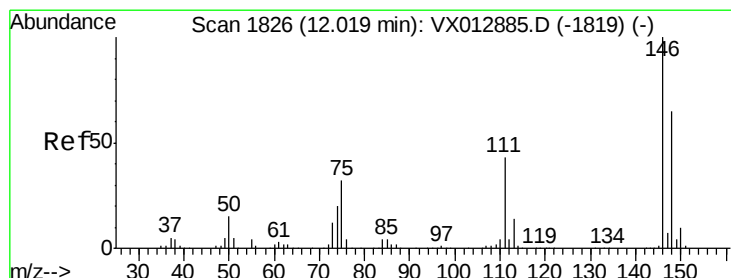
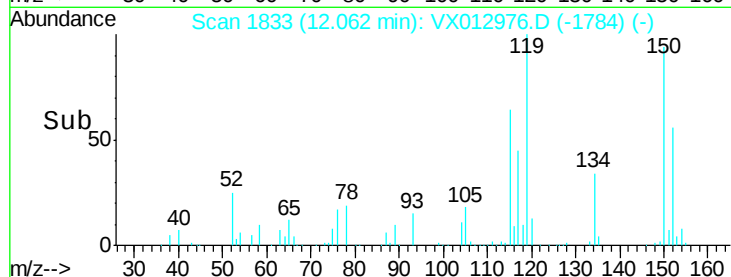
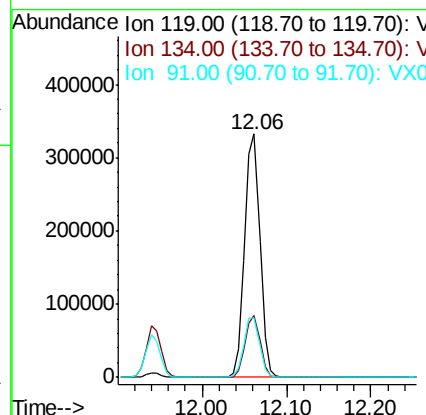
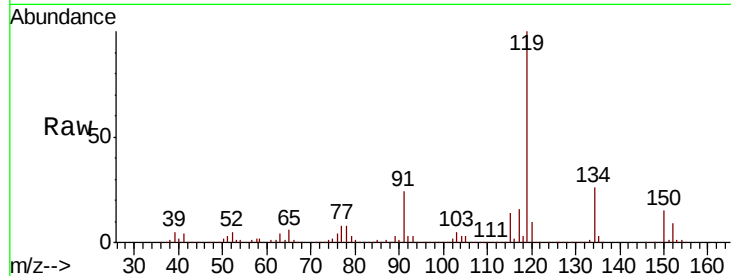
#86
p-Isopropyltoluene
Concen: 53.055 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	402983		
134	25.1	12.6	37.8	
91	25.1	12.4	37.4	

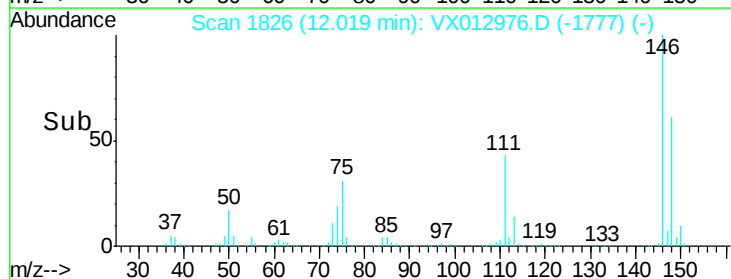
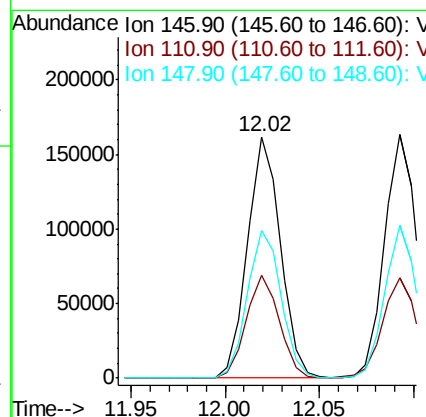
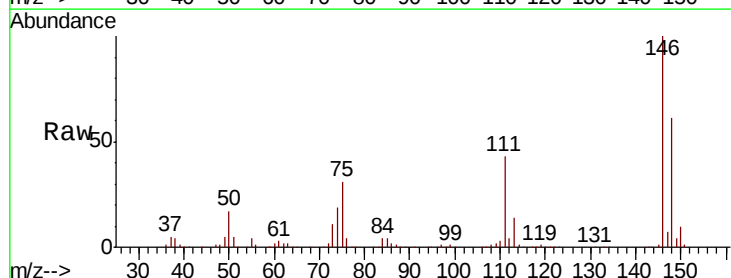
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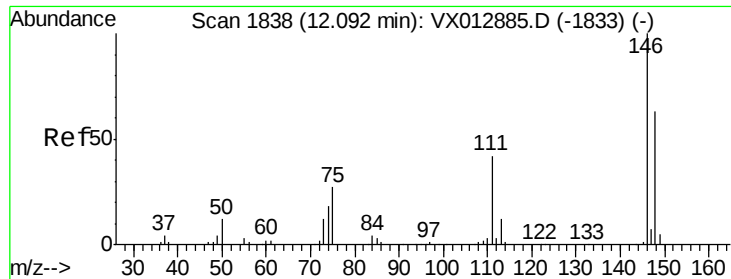
MMDadoda
10/10/2019 9:04:40 AM



#87
1,3-Dichlorobenzene
Concen: 51.851 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196917		
111	42.8	21.1	63.4	
148	62.8	31.6	95.0	





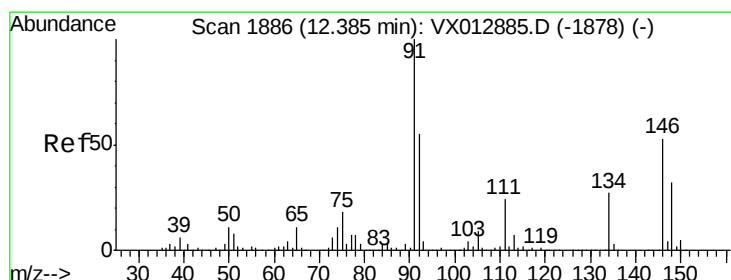
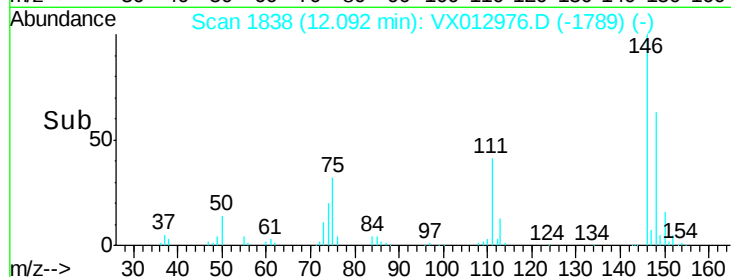
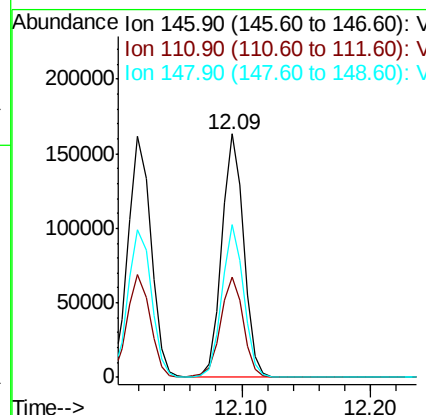
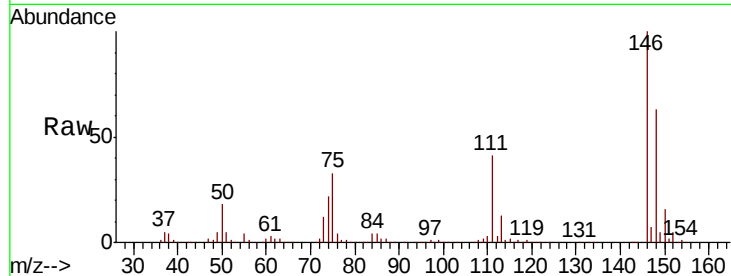
#88
 1,4-Dichlorobenzene
 Concen: 51.095 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.3
148	62.3	32.1	96.5

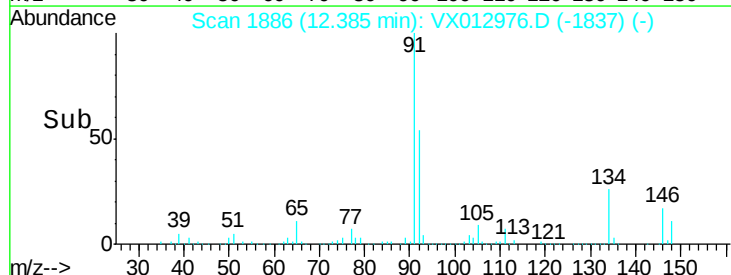
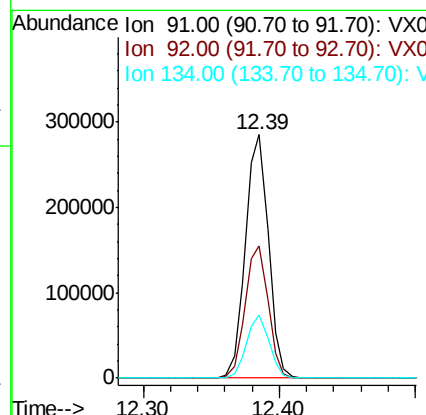
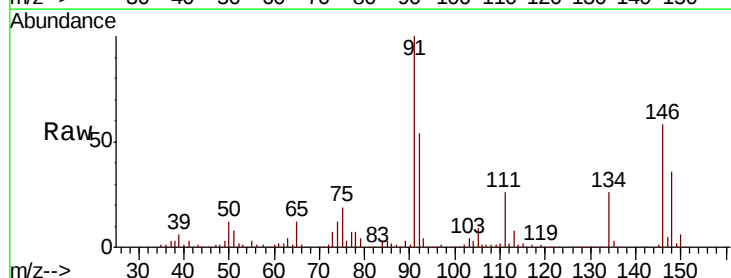
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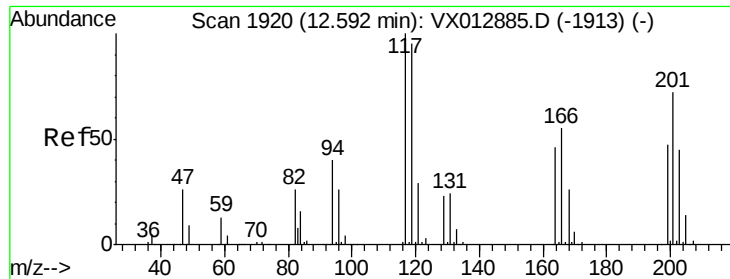
MMDadoda
 10/10/2019 9:04:40 AM



#89
 n-Butylbenzene
 Concen: 52.625 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.5	82.5
134	25.5	12.9	38.7





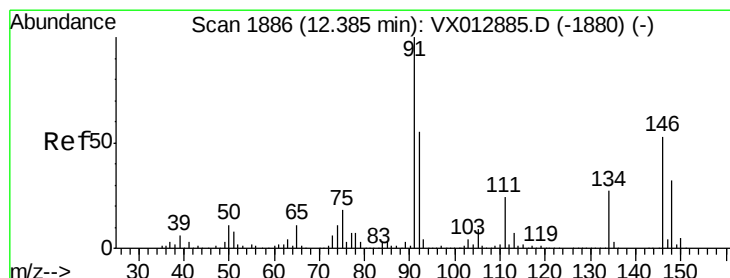
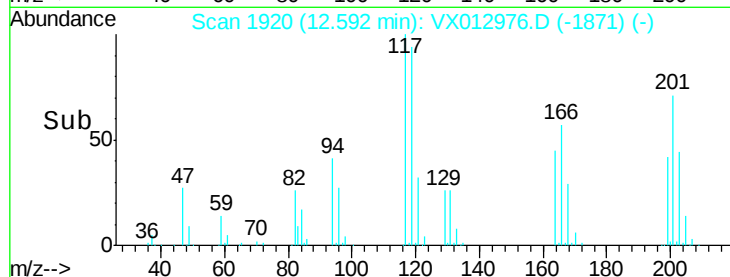
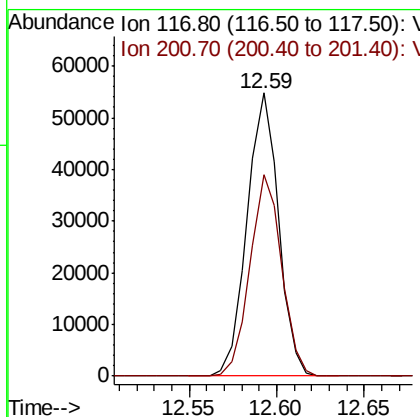
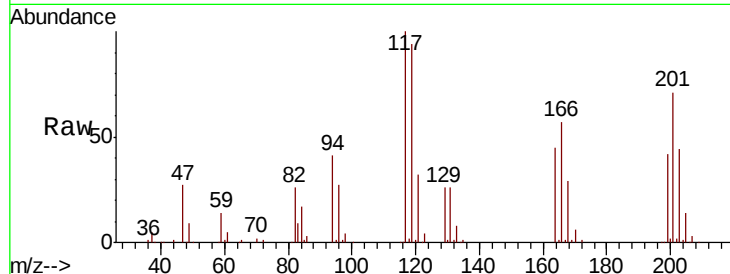
#90
Hexachloroethane
Concen: 48.816 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1963MS

Tot Ion:117 Resp: 68600
Ion Ratio Lower Upper
117 100
201 71.7 36.9 110.7

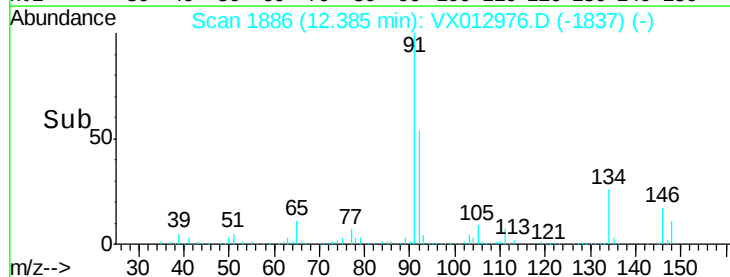
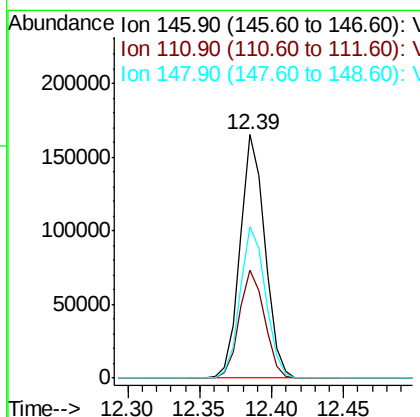
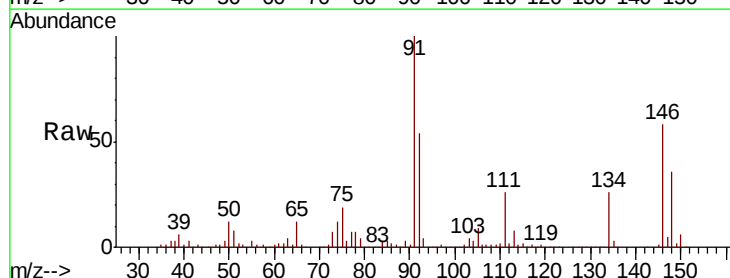
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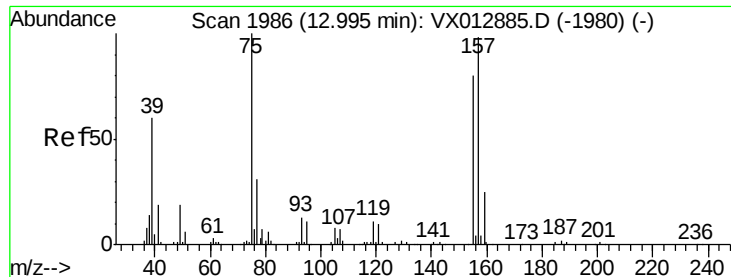
MMDadoda
10/10/2019 9:04:40 AM



#91
1,2-Dichlorobenzene
Concen: 53.123 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012976.D
Acq: 10 Oct 2019 05:20

Tgt Ion:146 Resp: 197784
Ion Ratio Lower Upper
146 100
111 45.3 22.7 68.0
148 63.8 31.6 94.7





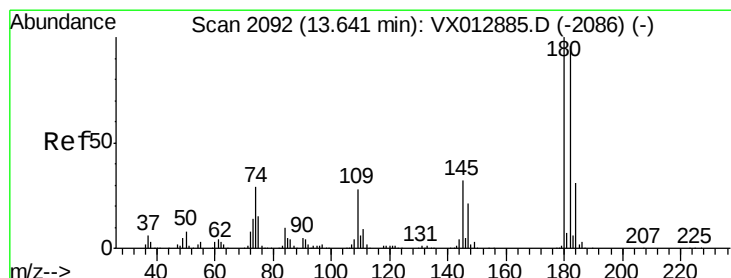
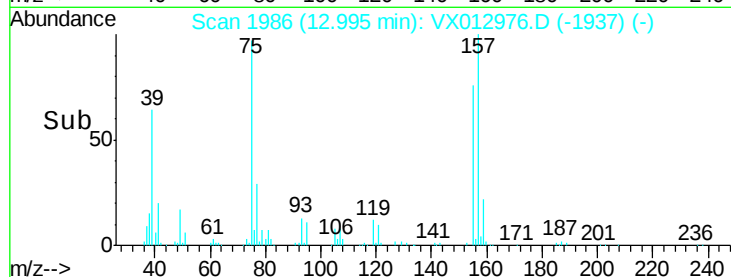
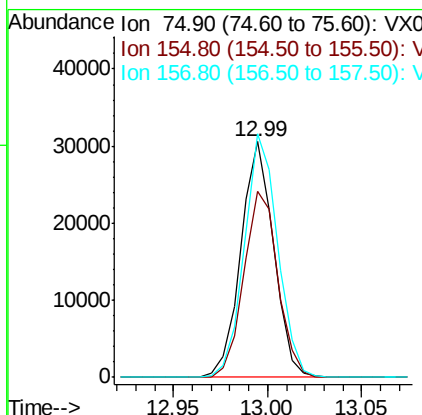
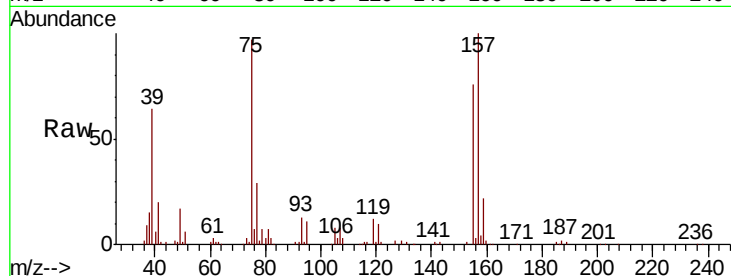
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.496 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	81.9	43.0	128.8
157	104.8	54.1	162.3

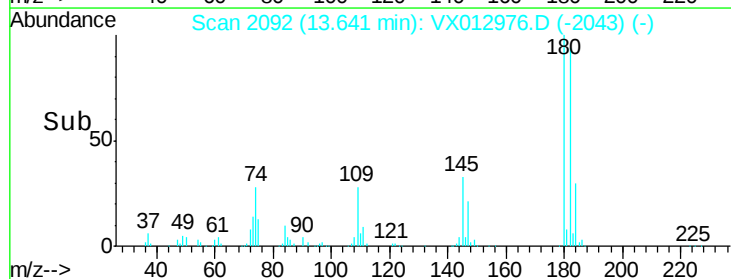
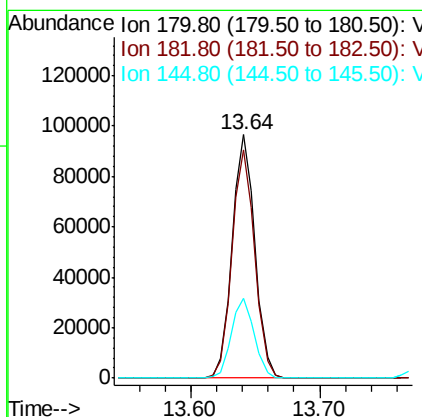
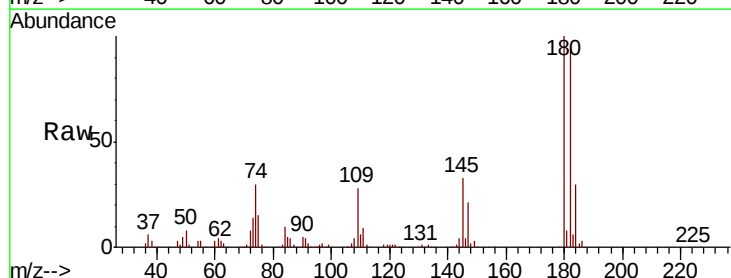
Manual Integrations
 APPROVED

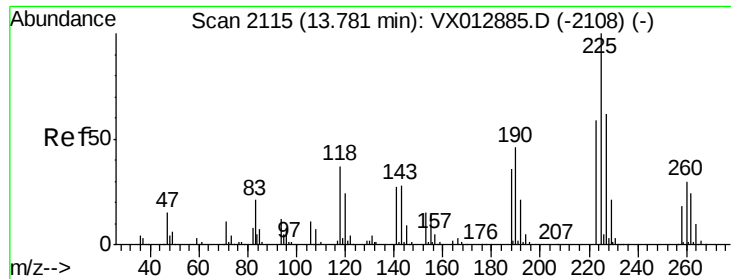
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 10/10/2019 9:04:40 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.224 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.8	140.4
145	32.9	16.2	48.6





#94

Hexachlorobutadiene

Concen: 48.281 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Instrument :

MSVOA_X

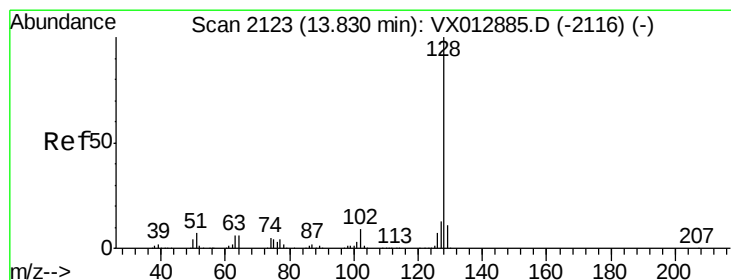
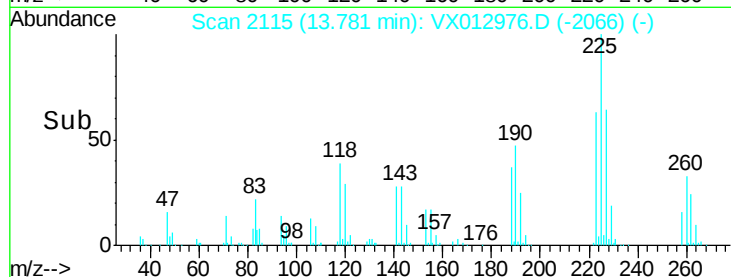
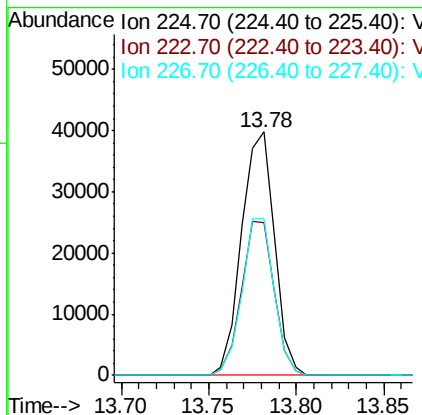
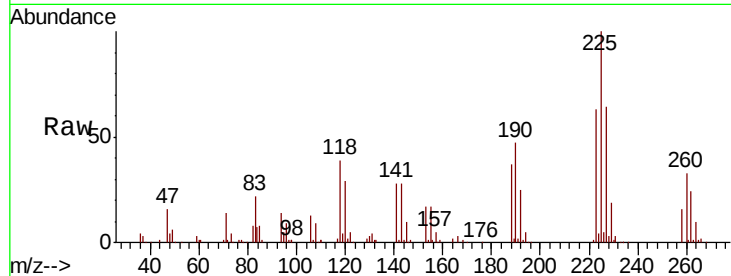
ClientSampleId :

FA19-JMW1963MS

Tot Ion:	225	Resp:	51967
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.1	93.2
227	62.7	32.3	96.9

Manual Integrations
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10/10/2019 9:04:40 AM



#95

Naphthalene

Concen: 52.352 ug/l

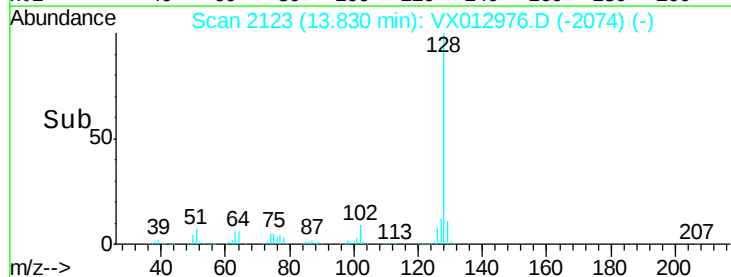
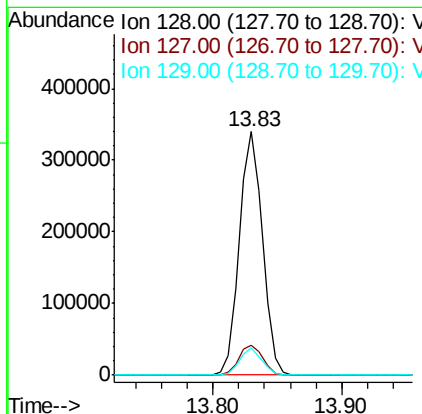
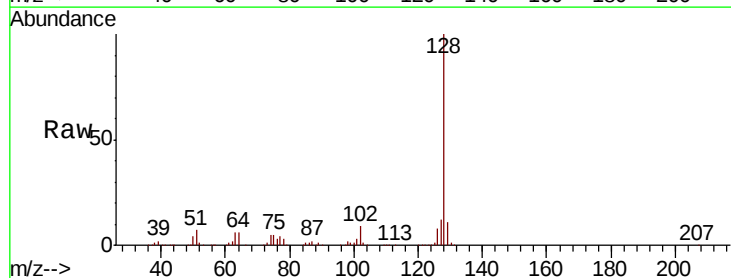
RT: 13.83 min Scan# 2123

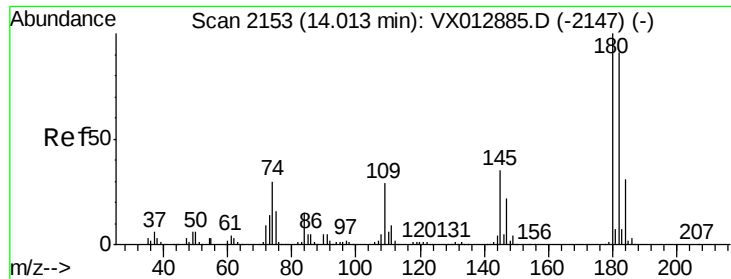
Delta R.T. -0.00 min

Lab File: VX012976.D

Acq: 10 Oct 2019 05:20

Tgt Ion:	128	Resp:	423252
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.692 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012976.D
 Acq: 10 Oct 2019 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Tot Ion:	180	Resp:	117354
Ion Ratio	Lower	Upper	
180	100		
182	98.1	47.5	142.5
145	36.7	17.4	52.3

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:40 AM

